

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072097.D
 Acq On : 20 Apr 2022 23:53
 Operator : JC\MD
 Sample : VN0420WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 08:24:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.080	168	476600	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	737858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	665106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	268767	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	262389	48.225	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.440%		
35) Dibromofluoromethane	8.022	113	232266	53.494	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	106.980%		
50) Toluene-d8	10.439	98	897836	50.549	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.100%		
62) 4-Bromofluorobenzene	12.727	95	291524	50.749	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	96325	25.422	ug/l	99
3) Chloromethane	2.298	50	105002	21.869	ug/l	98
4) Vinyl Chloride	2.440	62	110947	21.042	ug/l	98
5) Bromomethane	2.845	94	76136	22.213	ug/l	95
6) Chloroethane	3.010	64	69001	18.191	ug/l	93
7) Trichlorofluoromethane	3.375	101	147298	21.958	ug/l	95
8) Diethyl Ether	3.828	74	62425	22.019	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.216	101	90162	21.810	ug/l	95
10) Methyl Iodide	4.422	142	128058	22.160	ug/l	99
11) Tert butyl alcohol	5.369	59	107186	121.392	ug/l	98
12) 1,1-Dichloroethene	4.181	96	85261	21.674	ug/l	99
13) Acrolein	4.045	56	42192	39.190	ug/l	97
14) Allyl chloride	4.839	41	131590	20.609	ug/l	95
15) Acrylonitrile	5.551	53	295518	115.144	ug/l	98
16) Acetone	4.287	43	223883	96.283	ug/l	96
17) Carbon Disulfide	4.534	76	200214	22.182	ug/l	97
18) Methyl Acetate	4.851	43	130981	21.896	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	318878	21.819	ug/l	99
20) Methylene Chloride	5.098	84	107112	21.855	ug/l	98
21) trans-1,2-Dichloroethene	5.592	96	92755	21.478	ug/l	98
22) Diisopropyl ether	6.492	45	295708	21.274	ug/l	97
23) Vinyl Acetate	6.433	43	1235852	111.805	ug/l	99
24) 1,1-Dichloroethane	6.386	63	174845	21.427	ug/l	98
25) 2-Butanone	7.328	43	372360	111.081	ug/l	98
26) 2,2-Dichloropropane	7.322	77	129469	18.469	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	116704	22.038	ug/l	94
28) Bromochloromethane	7.657	49	71353	21.676	ug/l	95
29) Tetrahydrofuran	7.680	42	244844	112.802	ug/l	97
30) Chloroform	7.816	83	185290	21.504	ug/l	98
31) Cyclohexane	8.092	56	157535	21.290	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	159050	21.577	ug/l	98
36) 1,1-Dichloropropene	8.222	75	131036	21.611	ug/l	99
37) Ethyl Acetate	7.410	43	145927	21.989	ug/l	95
38) Carbon Tetrachloride	8.204	117	137220	23.092	ug/l	96
39) Methylcyclohexane	9.457	83	160862	22.288	ug/l	99
40) Benzene	8.457	78	425031	22.191	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072097.D
 Acq On : 20 Apr 2022 23:53
 Operator : JC\MD
 Sample : VN0420WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2022
 Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 08:24:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	73311	22.561	ug/l	95
42) 1,2-Dichloroethane	8.527	62	138956	20.972	ug/l	97
43) Isopropyl Acetate	8.557	43	233568	21.160	ug/l	99
44) Trichloroethene	9.210	130	111925	22.682	ug/l	98
45) 1,2-Dichloropropane	9.486	63	104276	21.793	ug/l	100
46) Dibromomethane	9.574	93	73277	22.555	ug/l	97
47) Bromodichloromethane	9.757	83	142824	22.333	ug/l	97
48) Methyl methacrylate	9.557	41	104111	22.733	ug/l	93
49) 1,4-Dioxane	9.563	88	50704	459.217	ug/l	96
51) 4-Methyl-2-Pentanone	10.327	43	730926	115.170	ug/l	97
52) Toluene	10.504	92	278742	23.022	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	146018	21.786	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	163011	22.012	ug/l	92
55) 1,1,2-Trichloroethane	10.898	97	112282	22.533	ug/l	97
56) Ethyl methacrylate	10.757	69	164021	23.074	ug/l	93
57) 1,3-Dichloropropane	11.039	76	186262	22.357	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	194014	99.603	ug/l	99
59) 2-Hexanone	11.080	43	524100	117.294	ug/l	96
60) Dibromochloromethane	11.233	129	112773	23.211	ug/l	99
61) 1,2-Dibromoethane	11.339	107	112706	22.978	ug/l	99
64) Tetrachloroethene	10.974	164	98682	22.469	ug/l	99
65) Chlorobenzene	11.768	112	298069	22.381	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	107272	22.322	ug/l	98
67) Ethyl Benzene	11.839	91	499637	22.162	ug/l	99
68) m/p-Xylenes	11.951	106	394454	45.536	ug/l	98
69) o-Xylene	12.274	106	197715	22.995	ug/l	96
70) Styrene	12.292	104	308447	23.677	ug/l	98
71) Bromoform	12.457	173	88641	24.221	ug/l #	100
73) Isopropylbenzene	12.574	105	492184	21.732	ug/l	99
74) N-amyl acetate	12.380	43	143469	22.109	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	165248	21.868	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	143059m	22.977	ug/l	
77) Bromobenzene	12.857	156	122237	21.530	ug/l	95
78) n-propylbenzene	12.915	91	514377	21.591	ug/l	100
79) 2-Chlorotoluene	13.004	91	332217	21.744	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	407078	22.685	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	41802	20.806	ug/l	97
82) 4-Chlorotoluene	13.098	91	303794	21.451	ug/l	99
83) tert-Butylbenzene	13.315	119	362112	22.076	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	395088	22.566	ug/l	99
85) sec-Butylbenzene	13.498	105	469726	22.090	ug/l	99
86) p-Isopropyltoluene	13.609	119	381064	22.476	ug/l	99
87) 1,3-Dichlorobenzene	13.609	146	194808	21.537	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	190438	21.581	ug/l	99
89) n-Butylbenzene	13.939	91	256663	20.411	ug/l	99
90) Hexachloroethane	14.209	117	68283	22.001	ug/l	93
91) 1,2-Dichlorobenzene	13.980	146	196664	22.147	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	27115	23.133	ug/l	96
93) 1,2,4-Trichlorobenzene	15.256	180	90576	22.378	ug/l	100
94) Hexachlorobutadiene	15.362	225	54771	20.913	ug/l	98
95) Naphthalene	15.503	128	254815	23.039	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	91121	23.343	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
Data File : VN072097.D
Acq On : 20 Apr 2022 23:53
Operator : JC\MD
Sample : VN0420WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD02

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/21/2022
Supervised By : Mahesh Dadoda 04/21/2022

Quant Time: Apr 21 08:24:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

Reviewed By :John Carlone 04/21/2022
Supervised By :Mahesh Dadoda 04/21/2022

Abundance

TIC: VN072097.D\data.ms

Time-->

2.00 3.00 4.00 5.00 6.00 7.00 8.00 9.00 10.00 11.00 12.00 13.00 14.00 15.00 16.00

1450000
1400000
1350000
1300000
1250000
1200000
1150000
1100000
1050000
1000000
950000
900000
850000
800000
750000
700000
650000
600000
550000
500000
450000
400000
350000
300000
250000
200000
150000
100000
50000
0

Dichlorodifluoromethane, T
Chloromethane, P
Vinyl Chloride, C
Bromomethane, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
Acrolein, T
1,1,2,2-Tetrachloroethane, T
Acetone, T
Methyl iodide, T
Carbon disulfide, T
Methyl acetate, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Vinyl Acetate, T
1,1-Dichloroethane, P
Disopropyl ether, T
Ethyl Acetate, T
Methacrylonitrile, T
Chloroform, C
Dichloromethane, S
1,1-Dichloroethane, S
Cyclohexylbenzene, I
1,2-Dichloroethane, T
1,2-Dichloroethane, S
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloroethane, T
Bromodichloromethane, I
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
Toluene, CM
1,3-Dichloropropane, T
1,1,2-Trichloroethane, T
1,3-Dichloropropane, T
Dibromochloromethane, T
1,2-Dibromoethane, T
Chlorobenzene, PM
Ethyl Benzene, I
Chlorobenzene, S
Styrene, T
Isopropylbenzene, T
4-Bromofluorobenzene, S
1,1,2,2-Tetrachloroethane, T
1,1,2-Trichloroethane, T
1,3,5-Trimethylbenzene, T
4-Chlorotoluene, T
tert-Butylbenzene, T
sec-Butylbenzene, T
1,4-Dichlorobenzene, T
1,2,4-Trimethylbenzene, T
1,4-Dichlorobenzene, T
1,2-Dibromoethane, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorocyclopentadiene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T