

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072071.D
 Acq On : 20 Apr 2022 12:16
 Operator : JC\MD
 Sample : VN0420WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 15:34:56 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	8.081	168	502860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	774135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	691087	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	294446	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	261860	45.614	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.220%		
35) Dibromofluoromethane	8.016	113	230032	50.497	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.000%		
50) Toluene-d8	10.439	98	883064	47.388	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.780%		
62) 4-Bromofluorobenzene	12.727	95	291744	48.408	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	100461	25.129	ug/l	90
3) Chloromethane	2.299	50	111251	21.961	ug/l	94
4) Vinyl Chloride	2.440	62	108697	19.539	ug/l	98
5) Bromomethane	2.840	94	73335	20.278	ug/l	95
6) Chloroethane	3.010	64	70686	17.662	ug/l	98
7) Trichlorofluoromethane	3.375	101	156838	22.159	ug/l	97
8) Diethyl Ether	3.822	74	68447	22.882	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.216	101	96111	22.035	ug/l	96
10) Methyl Iodide	4.422	142	131694	21.599	ug/l	99
11) Tert butyl alcohol	5.357	59	91675	98.403	ug/l	98
12) 1,1-Dichloroethene	4.187	96	90811	21.879	ug/l	94
13) Acrolein	4.040	56	61004	53.704	ug/l	96
14) Allyl chloride	4.840	41	138516	20.561	ug/l	93
15) Acrylonitrile	5.545	53	295180	109.006	ug/l	100
16) Acetone	4.281	43	211478	86.199	ug/l	94
17) Carbon Disulfide	4.534	76	217379	22.826	ug/l	99
18) Methyl Acetate	4.851	43	135818	21.492	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	344220	22.323	ug/l	100
20) Methylene Chloride	5.098	84	115227	22.283	ug/l	97
21) trans-1,2-Dichloroethene	5.598	96	97684	21.438	ug/l	98
22) Diisopropyl ether	6.492	45	316811	21.602	ug/l	97
23) Vinyl Acetate	6.428	43	1323797	113.507	ug/l	98
24) 1,1-Dichloroethane	6.381	63	191015	22.186	ug/l	97
25) 2-Butanone	7.328	43	355261	100.445	ug/l	98
26) 2,2-Dichloropropane	7.322	77	152553	20.626	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	121255	21.701	ug/l	96
28) Bromochloromethane	7.651	49	62334	17.948	ug/l	95
29) Tetrahydrofuran	7.681	42	241346	105.384	ug/l	97
30) Chloroform	7.816	83	197409	21.715	ug/l	100
31) Cyclohexane	8.086	56	169019	21.650	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	167071	21.482	ug/l	96
36) 1,1-Dichloropropene	8.216	75	134065	21.075	ug/l	98
37) Ethyl Acetate	7.404	43	145278	20.865	ug/l	96
38) Carbon Tetrachloride	8.198	117	137553	22.063	ug/l	99
39) Methylcyclohexane	9.457	83	175096	23.123	ug/l	99
40) Benzene	8.457	78	454741	22.629	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
 Data File : VN072071.D
 Acq On : 20 Apr 2022 12:16
 Operator : JC\MD
 Sample : VN0420WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0420WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Apr 20 15:34:56 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	7.628	41	69694	20.443	ug/l	95
42) 1,2-Dichloroethane	8.528	62	149599	21.521	ug/l	96
43) Isopropyl Acetate	8.551	43	244597	21.120	ug/l	100
44) Trichloroethene	9.210	130	114971	22.207	ug/l	97
45) 1,2-Dichloropropane	9.486	63	112061	22.322	ug/l	99
46) Dibromomethane	9.569	93	76386	22.410	ug/l	98
47) Bromodichloromethane	9.757	83	155047	23.108	ug/l	100
48) Methyl methacrylate	9.557	41	106425	22.150	ug/l	93
49) 1,4-Dioxane	9.563	88	40281	344.321	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	723757	108.697	ug/l	96
52) Toluene	10.498	92	294157	23.157	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	156632	22.274	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	178216	22.937	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	119190	22.799	ug/l	98
56) Ethyl methacrylate	10.757	69	177478	23.797	ug/l	91
57) 1,3-Dichloropropane	11.039	76	198483	22.707	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	249758	118.361	ug/l	99
59) 2-Hexanone	11.080	43	508141	108.393	ug/l	96
60) Dibromochloromethane	11.233	129	122252	23.982	ug/l	98
61) 1,2-Dibromoethane	11.339	107	120283	23.373	ug/l	100
64) Tetrachloroethene	10.974	164	106354	23.305	ug/l	93
65) Chlorobenzene	11.763	112	307286	22.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	112420	22.514	ug/l	99
67) Ethyl Benzene	11.839	91	531533	22.690	ug/l	99
68) m/p-Xylenes	11.951	106	417098	46.340	ug/l	99
69) o-Xylene	12.274	106	204571	22.898	ug/l	98
70) Styrene	12.286	104	322594	23.832	ug/l	98
71) Bromoform	12.451	173	88919	23.384	ug/l #	99
73) Isopropylbenzene	12.574	105	507164	20.440	ug/l	99
74) N-amyl acetate	12.380	43	148444	20.881	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	172908	20.886	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	148418m	21.759	ug/l	
77) Bromobenzene	12.857	156	129603	20.836	ug/l	97
78) n-propylbenzene	12.916	91	557641	21.365	ug/l	100
79) 2-Chlorotoluene	13.004	91	354410	21.173	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	433940	22.073	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	45531	20.686	ug/l	95
82) 4-Chlorotoluene	13.098	91	331493	21.366	ug/l	100
83) tert-Butylbenzene	13.315	119	383194	21.324	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	425240	22.170	ug/l	99
85) sec-Butylbenzene	13.498	105	501924	21.546	ug/l	100
86) p-Isopropyltoluene	13.610	119	410875	22.121	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	215568	21.754	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	209531	21.674	ug/l	99
89) n-Butylbenzene	13.939	91	285239	20.705	ug/l	100
90) Hexachloroethane	14.204	117	71713	21.091	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	212501	21.844	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	26713	20.802	ug/l	97
93) 1,2,4-Trichlorobenzene	15.257	180	90417	20.576	ug/l	99
94) Hexachlorobutadiene	15.362	225	59359	20.688	ug/l	99
95) Naphthalene	15.504	128	233663	19.904	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	90877	21.467	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042022\
Data File : VN072071.D
Acq On : 20 Apr 2022 12:16
Operator : JC\MD
Sample : VN0420WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0420WBSD01

Manual Integrations
APPROVED

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

Quant Time: Apr 20 15:34:56 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

