

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022522\
 Data File : VN071084.D
 Acq On : 25 Feb 2022 21:21
 Operator : JC\MD
 Sample : VN0225WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 05:15:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	579732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	969864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	866106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	340345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	411087	62.075	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 124.160%			
35) Dibromofluoromethane	8.022	113	316229	54.818	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.640%			
50) Toluene-d8	10.439	98	1253781	54.120	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.240%			
62) 4-Bromofluorobenzene	12.727	95	410648	49.590	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.180%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	106162	17.631	ug/l	99
3) Chloromethane	2.299	50	150380	19.869	ug/l	99
4) Vinyl Chloride	2.446	62	137558	18.156	ug/l	98
5) Bromomethane	2.857	94	79942	18.574	ug/l	93
6) Chloroethane	3.016	64	87786	17.662	ug/l	97
7) Trichlorofluoromethane	3.375	101	185459	19.533	ug/l	98
8) Diethyl Ether	3.828	74	79351	19.225	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.222	101	106556	18.292	ug/l	96
10) Methyl Iodide	4.428	142	151667	18.799	ug/l	99
11) Tert butyl alcohol	5.357	59	140375	116.312	ug/l	98
12) 1,1-Dichloroethene	4.187	96	103224	18.187	ug/l	93
13) Acrolein	4.040	56	101556	94.169	ug/l	100
14) Allyl chloride	4.845	41	213979	19.768	ug/l	88
15) Acrylonitrile	5.551	53	417275	117.379	ug/l	99
16) Acetone	4.287	43	334362	91.679	ug/l	96
17) Carbon Disulfide	4.534	76	248280	15.255	ug/l	98
18) Methyl Acetate	4.857	43	215901	26.756	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	416913	20.941	ug/l	96
20) Methylene Chloride	5.104	84	133504	20.142	ug/l	94
21) trans-1,2-Dichloroethene	5.598	96	112326	18.439	ug/l	94
22) Diisopropyl ether	6.492	45	475548	22.907	ug/l	96
23) Vinyl Acetate	6.428	43	1992967	113.406	ug/l	99
24) 1,1-Dichloroethane	6.387	63	240203	20.640	ug/l	99
25) 2-Butanone	7.328	43	563623	116.171	ug/l	98
26) 2,2-Dichloropropane	7.322	77	177377	18.339	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	139131	19.872	ug/l	91
28) Bromochloromethane	7.657	49	120240	25.527	ug/l	86
29) Tetrahydrofuran	7.681	42	388339	123.557	ug/l	92
30) Chloroform	7.816	83	233670	20.415	ug/l	99
31) Cyclohexane	8.092	56	226066	19.738	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	201208	20.356	ug/l	98
36) 1,1-Dichloropropene	8.222	75	164406	17.395	ug/l	96
37) Ethyl Acetate	7.410	43	231424	22.832	ug/l	97
38) Carbon Tetrachloride	8.210	117	164989	17.717	ug/l	96
39) Methylcyclohexane	9.457	83	199251	16.384	ug/l	95
40) Benzene	8.457	78	533086	19.068	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022522\
 Data File : VN071084.D
 Acq On : 25 Feb 2022 21:21
 Operator : JC\MD
 Sample : VN0225WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0225WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 05:15:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	116729	21.866	ug/l	90
42) 1,2-Dichloroethane	8.528	62	183811	19.305	ug/l	98
43) Isopropyl Acetate	8.557	43	419171	26.236	ug/l #	91
44) Trichloroethene	9.216	130	126766	17.220	ug/l	100
45) 1,2-Dichloropropane	9.486	63	145381	20.301	ug/l	98
46) Dibromomethane	9.575	93	87998	18.672	ug/l	99
47) Bromodichloromethane	9.757	83	178547	18.746	ug/l	98
48) Methyl methacrylate	9.557	41	163673	21.643	ug/l #	82
49) 1,4-Dioxane	9.563	88	55544	413.534	ug/l	88
51) 4-Methyl-2-Pentanone	10.327	43	1116036	114.812	ug/l	98
52) Toluene	10.504	92	329792	18.773	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	191927	18.532	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	211899	18.631	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	135556	19.714	ug/l	97
56) Ethyl methacrylate	10.757	69	211252	20.390	ug/l #	89
57) 1,3-Dichloropropane	11.039	76	237314	19.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	186954	102.605	ug/l	95
59) 2-Hexanone	11.080	43	781258	116.861	ug/l	100
60) Dibromochloromethane	11.233	129	133319	18.346	ug/l	100
61) 1,2-Dibromoethane	11.339	107	133019	19.019	ug/l	98
64) Tetrachloroethene	10.975	164	107874	15.993	ug/l	95
65) Chlorobenzene	11.763	112	340401	18.239	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	128389	18.872	ug/l	99
67) Ethyl Benzene	11.839	91	605212	18.528	ug/l	99
68) m/p-Xylenes	11.945	106	456772	36.202	ug/l	97
69) o-Xylene	12.274	106	230223	18.679	ug/l	98
70) Styrene	12.292	104	352772	18.000	ug/l	98
71) Bromoform	12.457	173	98243	18.132	ug/l #	99
73) Isopropylbenzene	12.574	105	582589	21.266	ug/l	99
74) N-amyl acetate	12.380	43	208106	23.765	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.821	83	207830	23.874	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	179268m	22.371	ug/l	
77) Bromobenzene	12.857	156	137360	20.482	ug/l	85
78) n-propylbenzene	12.916	91	620350	20.155	ug/l	98
79) 2-Chlorotoluene	13.004	91	394332	21.096	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	467342	21.057	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	50324	20.350	ug/l	99
82) 4-Chlorotoluene	13.098	91	368814	20.327	ug/l	95
83) tert-Butylbenzene	13.316	119	423622	20.126	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	453203	20.744	ug/l	99
85) sec-Butylbenzene	13.498	105	550194	19.838	ug/l	98
86) p-Isopropyltoluene	13.610	119	435534	19.129	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	219481	18.488	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	212588	18.277	ug/l	98
89) n-Butylbenzene	13.939	91	308189	16.591	ug/l	96
90) Hexachloroethane	14.204	117	84162	20.699	ug/l	90
91) 1,2-Dichlorobenzene	13.980	146	221396	19.860	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	30662	21.739	ug/l	94
93) 1,2,4-Trichlorobenzene	15.257	180	90083	15.801	ug/l	97
94) Hexachlorobutadiene	15.362	225	63782	15.690	ug/l	98
95) Naphthalene	15.504	128	203065	17.003	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	85890	16.637	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022522\
Data File : VN071084.D
Acq On : 25 Feb 2022 21:21
Operator : JC\MD
Sample : VN0225WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0225WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

Quant Time: Feb 26 05:15:53 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 21 07:57:15 2022
Response via : Initial Calibration

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

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

