

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072143.D
 Acq On : 21 Apr 2022 22:22
 Operator : JC\MD
 Sample : N2481-12MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MSD

Quant Time: Apr 22 01:28:40 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	487408	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	766388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	727291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	293798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	257182	46.220	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.440%		
35) Dibromofluoromethane	8.016	113	232712	51.602	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.200%		
50) Toluene-d8	10.439	98	916466	49.677	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.360%		
62) 4-Bromofluorobenzene	12.727	95	311559	52.218	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	226469	58.445	ug/l	99
3) Chloromethane	2.298	50	242242	49.334	ug/l	97
4) Vinyl Chloride	2.440	62	233089	43.227	ug/l	96
5) Bromomethane	2.822	94	113199	32.294	ug/l	99
6) Chloroethane	2.993	64	141062	36.364	ug/l	98
7) Trichlorofluoromethane	3.357	101	343023	50.000	ug/l	100
8) Diethyl Ether	3.822	74	156228	53.884	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.204	101	216502	51.211	ug/l	98
10) Methyl Iodide	4.422	142	317965	53.804	ug/l	99
11) Tert butyl alcohol	5.369	59	273478	302.855	ug/l	99
12) 1,1-Dichloroethene	4.175	96	216160	53.730	ug/l	91
13) Acrolein	4.040	56	218176	198.156	ug/l	98
14) Allyl chloride	4.834	41	326587	50.015	ug/l	92
15) Acrylonitrile	5.551	53	750870	286.076	ug/l	98
16) Acetone	4.287	43	586878	246.795	ug/l #	87
17) Carbon Disulfide	4.528	76	506086	54.826	ug/l	98
18) Methyl Acetate	4.851	43	289675	49.167	ug/l	94
19) Methyl tert-butyl Ether	5.610	73	788727	52.772	ug/l	98
20) Methylene Chloride	5.092	84	268016	53.473	ug/l	94
21) trans-1,2-Dichloroethene	5.592	96	230696	52.235	ug/l	95
22) Diisopropyl ether	6.492	45	713188	50.170	ug/l	95
23) Vinyl Acetate	6.428	43	2755643	243.768	ug/l	97
24) 1,1-Dichloroethane	6.386	63	434601	52.078	ug/l	97
25) 2-Butanone	7.328	43	918430	267.907	ug/l	95
26) 2,2-Dichloropropane	7.322	77	298066	41.577	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	289096	53.380	ug/l	93
28) Bromochloromethane	7.657	49	151740	45.075	ug/l	93
29) Tetrahydrofuran	7.680	42	603702	271.964	ug/l	95
30) Chloroform	7.816	83	453314	51.444	ug/l	100
31) Cyclohexane	8.092	56	375448	49.615	ug/l	100
32) 1,1,1-Trichloroethane	8.010	97	387969	51.466	ug/l	98
36) 1,1-Dichloropropene	8.216	75	322198	51.161	ug/l	99
37) Ethyl Acetate	7.410	43	401213	58.205	ug/l	96
38) Carbon Tetrachloride	8.204	117	321081	52.022	ug/l	96
39) Methylcyclohexane	9.457	83	401187	53.516	ug/l	99
40) Benzene	8.457	78	1058409	53.202	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072143.D
 Acq On : 21 Apr 2022 22:22
 Operator : JC\MD
 Sample : N2481-12MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-30MSD

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

Quant Time: Apr 22 01:28:40 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	184435	54.646	ug/l	94
42) 1,2-Dichloroethane	8.527	62	335649	48.773	ug/l	96
43) Isopropyl Acetate	8.557	43	534185	46.592	ug/l	96
44) Trichloroethene	9.216	130	270754	52.827	ug/l	99
45) 1,2-Dichloropropane	9.486	63	261356	52.587	ug/l	98
46) Dibromomethane	9.574	93	178177	52.803	ug/l	97
47) Bromodichloromethane	9.757	83	346236	52.125	ug/l	99
48) Methyl methacrylate	9.557	41	258898	54.428	ug/l	91
49) 1,4-Dioxane	9.563	88	136838	1215.568	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	1870985	283.832	ug/l	95
52) Toluene	10.504	92	702466	55.859	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	375548	53.945	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	409486	53.235	ug/l	92
55) 1,1,2-Trichloroethane	10.892	97	280103	54.120	ug/l	98
56) Ethyl methacrylate	10.757	69	451785	61.189	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	468287	54.115	ug/l	100
59) 2-Hexanone	11.080	43	1338895	288.491	ug/l	93
60) Dibromochloromethane	11.233	129	293779	58.214	ug/l	100
61) 1,2-Dibromoethane	11.339	107	289964	56.915	ug/l	100
64) Tetrachloroethene	10.974	164	236775	49.302	ug/l	97
65) Chlorobenzene	11.768	112	763792	52.447	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	274050	52.151	ug/l	100
67) Ethyl Benzene	11.839	91	1327019	53.828	ug/l	98
68) m/p-Xylenes	11.951	106	1030620	108.803	ug/l	98
69) o-Xylene	12.274	106	512597	54.521	ug/l	98
70) Styrene	12.292	104	824037	57.846	ug/l	98
71) Bromoform	12.457	173	231718	57.904	ug/l	98
73) Isopropylbenzene	12.574	105	1310680	52.941	ug/l	100
74) N-amyl acetate	12.386	43	349638	49.290	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.821	83	410328	49.673	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	311427m	45.757	ug/l	
77) Bromobenzene	12.857	156	315408	50.820	ug/l	96
78) n-propylbenzene	12.915	91	1390182	53.381	ug/l	100
79) 2-Chlorotoluene	13.004	91	866469	51.880	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	1066021	54.345	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	112955	51.431	ug/l	94
82) 4-Chlorotoluene	13.104	91	789855	51.021	ug/l	99
83) tert-Butylbenzene	13.321	119	944676	52.684	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	1043040	54.498	ug/l	99
85) sec-Butylbenzene	13.498	105	1266224	54.475	ug/l	100
86) p-Isopropyltoluene	13.610	119	1032228	55.695	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	506647	51.241	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	482969	50.068	ug/l	98
89) n-Butylbenzene	13.939	91	733295	53.346	ug/l	99
90) Hexachloroethane	14.204	117	187017	55.124	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	493673	50.858	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	72511	56.592	ug/l	97
93) 1,2,4-Trichlorobenzene	15.256	180	234972	50.243	ug/l	99
94) Hexachlorobutadiene	15.362	225	132782	46.381	ug/l	99
95) Naphthalene	15.504	128	752243	55.753	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	244082	53.700	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
Data File : VN072143.D
Acq On : 21 Apr 2022 22:22
Operator : JC\MD
Sample : N2481-12MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW-30MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

Quant Time: Apr 22 01:28:40 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						

