

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033122\
 Data File : VN071718.D
 Acq On : 31 Mar 2022 20:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/01/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Apr 01 01:40:38 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	8.086	168	561869	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	909970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	830097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	323892	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.439	65	332995	51.914	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.820%			
35) Dibromofluoromethane	8.016	113	276618	51.659	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.320%			
50) Toluene-d8	10.439	98	1126329	51.420	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.840%			
62) 4-Bromofluorobenzene	12.727	95	360687	50.914	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	219559	49.152	ug/l	99
3) Chloromethane	2.299	50	262085	46.302	ug/l	99
4) Vinyl Chloride	2.446	62	300034	48.268	ug/l	99
5) Bromomethane	2.840	94	183649	45.449	ug/l	96
6) Chloroethane	3.010	64	209529	46.856	ug/l	100
7) Trichlorofluoromethane	3.375	101	379617	48.001	ug/l	98
8) Diethyl Ether	3.828	74	167225	50.034	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	234318	48.080	ug/l	98
10) Methyl Iodide	4.422	142	338872	49.742	ug/l	99
11) Tert butyl alcohol	5.363	59	283098	271.961	ug/l	99
12) 1,1-Dichloroethene	4.187	96	224125	48.327	ug/l	99
13) Acrolein	4.040	56	341782	269.282	ug/l	99
14) Allyl chloride	4.840	41	375206	49.846	ug/l	96
15) Acrylonitrile	5.551	53	825111	272.701	ug/l	99
16) Acetone	4.287	43	631347	230.311	ug/l	98
17) Carbon Disulfide	4.534	76	487175	45.783	ug/l	98
18) Methyl Acetate	4.851	43	353870	52.196	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	891998	51.772	ug/l	99
20) Methylene Chloride	5.098	84	283568	49.078	ug/l	99
21) trans-1,2-Dichloroethene	5.604	96	244068	47.940	ug/l	100
22) Diisopropyl ether	6.492	45	843351	51.464	ug/l	99
23) Vinyl Acetate	6.434	43	3584761	275.088	ug/l	99
24) 1,1-Dichloroethane	6.387	63	486900	50.613	ug/l	99
25) 2-Butanone	7.328	43	1033769	261.588	ug/l	99
26) 2,2-Dichloropropane	7.322	77	375012	45.378	ug/l	98
27) cis-1,2-Dichloroethene	7.328	96	314366	50.354	ug/l	97
28) Bromochloromethane	7.651	49	201032	51.803	ug/l	99
29) Tetrahydrofuran	7.681	42	684094	267.339	ug/l	99
30) Chloroform	7.816	83	504517	49.667	ug/l	99
31) Cyclohexane	8.098	56	401252	45.998	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	431899	49.701	ug/l	98
36) 1,1-Dichloropropene	8.222	75	354203	47.369	ug/l	100
37) Ethyl Acetate	7.410	43	415121	50.721	ug/l	100
38) Carbon Tetrachloride	8.204	117	357316	48.758	ug/l	97
39) Methylcyclohexane	9.457	83	429890	48.296	ug/l	99
40) Benzene	8.457	78	1143019	48.389	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	215341	53.735	ug/l	90
42) 1,2-Dichloroethane	8.528	62	385662	47.198	ug/l	99
43) Isopropyl Acetate	8.557	43	644142	47.317	ug/l	99
44) Trichloroethene	9.216	130	292840	48.121	ug/l	99
45) 1,2-Dichloropropane	9.486	63	292358	49.543	ug/l	99
46) Dibromomethane	9.575	93	195011	48.673	ug/l	99
47) Bromodichloromethane	9.757	83	400039	50.722	ug/l	97
48) Methyl methacrylate	9.557	41	307595	54.462	ug/l	98
49) 1,4-Dioxane	9.563	88	133473	996.090	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	2105296	268.984	ug/l	99
52) Toluene	10.504	92	743091	49.766	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	423184	51.196	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	471901	51.669	ug/l	98
55) 1,1,2-Trichloroethane	10.898	97	303759	49.430	ug/l	98
56) Ethyl methacrylate	10.757	69	482797	55.072	ug/l	95
57) 1,3-Dichloropropane	11.039	76	509713	49.608	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	510250	193.192	ug/l	100
59) 2-Hexanone	11.080	43	1488737	270.163	ug/l	98
60) Dibromochloromethane	11.233	129	318265	53.115	ug/l	100
61) 1,2-Dibromoethane	11.345	107	306565	50.679	ug/l	99
64) Tetrachloroethene	10.974	164	251468	45.876	ug/l	99
65) Chlorobenzene	11.769	112	800073	48.135	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	297470	49.597	ug/l	99
67) Ethyl Benzene	11.839	91	1413321	50.228	ug/l	100
68) m/p-Xylenes	11.951	106	1075162	99.448	ug/l	100
69) o-Xylene	12.274	106	537530	50.092	ug/l	99
70) Styrene	12.292	104	856793	52.697	ug/l	100
71) Bromoform	12.457	173	241791	52.938	ug/l	99
73) Isopropylbenzene	12.574	105	1380947	50.596	ug/l	100
74) N-amyl acetate	12.386	43	431245	55.146	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	445249	48.893	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	340350m	45.361	ug/l	
77) Bromobenzene	12.857	156	325863	47.627	ug/l	99
78) n-propylbenzene	12.916	91	1463661	50.980	ug/l	100
79) 2-Chlorotoluene	13.004	91	921598	50.053	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	1104415	51.071	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	124297	51.337	ug/l	98
82) 4-Chlorotoluene	13.104	91	844121	49.460	ug/l	100
83) tert-Butylbenzene	13.321	119	998401	50.507	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1078196	51.101	ug/l	100
85) sec-Butylbenzene	13.498	105	1321451	51.569	ug/l	99
86) p-Isopropyltoluene	13.610	119	1072592	52.496	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	531196	48.732	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	504297	47.422	ug/l	98
89) n-Butylbenzene	13.939	91	779853	51.462	ug/l	100
90) Hexachloroethane	14.210	117	197810	52.888	ug/l	99
91) 1,2-Dichlorobenzene	13.986	146	514304	48.061	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	76176	53.928	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	243036	47.267	ug/l	100
94) Hexachlorobutadiene	15.362	225	139960	44.346	ug/l	99
95) Naphthalene	15.504	128	685649	46.754	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	238337	47.840	ug/l	99

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

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