

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120921\
 Data File : VN069928.D
 Acq On : 9 Dec 2021 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/10/2021
 Supervised By : Mahesh Dadoda 12/15/2021

Quant Time: Dec 10 06:24:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1033300	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1718599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1560483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	674212	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	792548	49.677	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.360%		
35) Dibromofluoromethane	8.021	113	551904	51.269	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.540%		
50) Toluene-d8	10.441	98	2122110	49.095	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.180%		
62) 4-Bromofluorobenzene	12.731	95	760997	48.597	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	547822	45.455	ug/l	98
3) Chloromethane	2.303	50	629875	41.717	ug/l	98
4) Vinyl Chloride	2.448	62	627893	45.226	ug/l	99
5) Bromomethane	2.845	94	317858	42.142	ug/l	99
6) Chloroethane	3.017	64	380670	44.745	ug/l	99
7) Trichlorofluoromethane	3.376	101	847477	46.510	ug/l	98
8) Diethyl Ether	3.824	74	342293	48.775	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	492534	48.221	ug/l	96
10) Methyl Iodide	4.420	142	588089	42.146	ug/l	97
11) Tert butyl alcohol	5.380	59	580077	192.351	ug/l	98
12) 1,1-Dichloroethene	4.181	96	465775	47.322	ug/l	87
13) Acrolein	4.041	56	631034	245.715	ug/l	97
14) Allyl chloride	4.841	41	1073664	48.409	ug/l	94
15) Acrylonitrile	5.554	53	1791603	220.470	ug/l	99
16) Acetone	4.288	43	1680527	175.107	ug/l	97
17) Carbon Disulfide	4.529	76	1263494	49.688	ug/l	99
18) Methyl Acetate	4.857	43	1266632	43.725	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1855532	48.484	ug/l	95
20) Methylene Chloride	5.095	84	571628	44.804	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	504236	47.166	ug/l	88
22) Diisopropyl ether	6.498	45	2179247	50.271	ug/l	94
23) Vinyl Acetate	6.434	43	8888402	252.026	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1097954	48.894	ug/l	98
25) 2-Butanone	7.335	43	2638102	202.312	ug/l	91
26) 2,2-Dichloropropane	7.324	77	812528	46.537	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	610549	47.270	ug/l	86
28) Bromochloromethane	7.657	49	578532	49.543	ug/l #	77
29) Tetrahydrofuran	7.683	42	1724931	217.848	ug/l	87
30) Chloroform	7.818	83	1096989	48.370	ug/l	99
31) Cyclohexane	8.094	56	1018909	45.891	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	953345	49.350	ug/l	96
36) 1,1-Dichloropropene	8.223	75	786713	48.086	ug/l	96
37) Ethyl Acetate	7.413	43	1069623	43.926	ug/l	95
38) Carbon Tetrachloride	8.206	117	825339	51.444	ug/l	100
39) Methylcyclohexane	9.459	83	917992	47.172	ug/l	88
40) Benzene	8.461	78	2388980	47.772	ug/l	99

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41) Methacrylonitrile	7.638	41	538840	47.139	ug/l	90
42) 1,2-Dichloroethane	8.531	62	953796	47.248	ug/l	96
43) Isopropyl Acetate	8.560	43	1694384	47.021	ug/l #	94
44) Trichloroethene	9.215	130	561572	47.049	ug/l	92
45) 1,2-Dichloropropane	9.488	63	652306	48.575	ug/l	99
46) Dibromomethane	9.577	93	425478	48.311	ug/l	93
47) Bromodichloromethane	9.762	83	882814	52.942	ug/l	99
48) Methyl methacrylate	9.558	41	788113	46.865	ug/l	86
49) 1,4-Dioxane	9.569	88	219891	728.740	ug/l #	82
51) 4-Methyl-2-Pentanone	10.331	43	5431795	232.358	ug/l	94
52) Toluene	10.505	92	1455886	47.686	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	918028	46.003	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	979760	46.679	ug/l #	88
55) 1,1,2-Trichloroethane	10.896	97	584156	47.421	ug/l	97
56) Ethyl methacrylate	10.760	69	1002893	43.460	ug/l #	85
57) 1,3-Dichloropropane	11.044	76	1033302	47.639	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1152521	188.501	ug/l	91
59) 2-Hexanone	11.084	43	3761437	212.705	ug/l	92
60) Dibromochloromethane	11.237	129	635107	48.208	ug/l	100
61) 1,2-Dibromoethane	11.344	107	600766	47.086	ug/l	100
64) Tetrachloroethene	10.977	164	473643	44.763	ug/l	95
65) Chlorobenzene	11.768	112	1527302	48.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	586119	52.602	ug/l	99
67) Ethyl Benzene	11.843	91	2873215	49.964	ug/l	96
68) m/p-Xylenes	11.953	106	2083473	99.506	ug/l	92
69) o-Xylene	12.278	106	1038946	49.262	ug/l	91
70) Styrene	12.294	104	1713207	51.228	ug/l	96
71) Bromoform	12.457	173	472062	49.559	ug/l #	100
73) Isopropylbenzene	12.578	105	2762656	46.055	ug/l	98
74) N-amyl acetate	12.388	43	1227651	46.277	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.825	83	916114	44.164	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	812495m	42.022	ug/l	
77) Bromobenzene	12.860	156	631423	44.814	ug/l	78
78) n-propylbenzene	12.919	91	3146105	47.132	ug/l	96
79) 2-Chlorotoluene	13.007	91	1930619	45.773	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2264961	46.911	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	267200	45.617	ug/l	97
82) 4-Chlorotoluene	13.104	91	1850117	46.643	ug/l	92
83) tert-Butylbenzene	13.321	119	1984576	46.421	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2210019	48.063	ug/l	98
85) sec-Butylbenzene	13.501	105	2730499	47.086	ug/l	98
86) p-Isopropyltoluene	13.613	119	2184442	48.192	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1068316	46.153	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1031201	45.332	ug/l	97
89) n-Butylbenzene	13.941	91	1771128	48.169	ug/l	98
90) Hexachloroethane	14.209	117	438886	55.149	ug/l	86
91) 1,2-Dichlorobenzene	13.986	146	1040970	46.155	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	173077	46.175	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	464047	42.414	ug/l	98
94) Hexachlorobutadiene	15.367	225	274690	45.956	ug/l	99
95) Naphthalene	15.504	128	1286676	39.924	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	447690	41.940	ug/l	98

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

