

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120821\
 Data File : VN069878.D
 Acq On : 8 Dec 2021 22:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 09 11:49:53 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1026204	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1721667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1628398	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	689115	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	803232	50.694	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.380%			
35) Dibromofluoromethane	8.021	113	545735	50.605	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.220%			
50) Toluene-d8	10.441	98	2186353	50.491	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.980%			
62) 4-Bromofluorobenzene	12.728	95	809810	51.622	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	624517	52.177	ug/l	99
3) Chloromethane	2.303	50	756237	50.432	ug/l	99
4) Vinyl Chloride	2.448	62	717955	52.071	ug/l	99
5) Bromomethane	2.842	94	403740	53.898	ug/l	100
6) Chloroethane	3.014	64	434466	51.421	ug/l	97
7) Trichlorofluoromethane	3.376	101	929509	51.365	ug/l	99
8) Diethyl Ether	3.824	74	372494	53.445	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.208	101	542343	53.465	ug/l	95
10) Methyl Iodide	4.420	142	729971	52.676	ug/l	97
11) Tert butyl alcohol	5.377	59	624668	208.569	ug/l	99
12) 1,1-Dichloroethene	4.181	96	511817	52.360	ug/l	88
13) Acrolein	4.039	56	809747	317.483	ug/l	100
14) Allyl chloride	4.841	41	1169655	53.102	ug/l	93
15) Acrylonitrile	5.554	53	2014536	249.618	ug/l	99
16) Acetone	4.285	43	1900952	199.444	ug/l	96
17) Carbon Disulfide	4.529	76	1291590	51.145	ug/l	99
18) Methyl Acetate	4.854	43	1436803	49.942	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	2027476	53.344	ug/l	95
20) Methylene Chloride	5.095	84	643023	50.749	ug/l #	84
21) trans-1,2-Dichloroethene	5.597	96	551749	51.968	ug/l	86
22) Diisopropyl ether	6.495	45	2414829	56.090	ug/l #	95
23) Vinyl Acetate	6.434	43	9876485	281.979	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1226814	55.010	ug/l	98
25) 2-Butanone	7.335	43	2956431	228.292	ug/l	90
26) 2,2-Dichloropropane	7.327	77	902221	52.032	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	674451	52.579	ug/l	86
28) Bromochloromethane	7.657	49	579936	50.007	ug/l #	77
29) Tetrahydrofuran	7.683	42	1925831	244.902	ug/l	88
30) Chloroform	7.818	83	1215445	53.964	ug/l	99
31) Cyclohexane	8.094	56	1129356	51.218	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	1032883	53.837	ug/l	95
36) 1,1-Dichloropropene	8.223	75	879965	53.690	ug/l	96
37) Ethyl Acetate	7.413	43	1188792	48.733	ug/l	95
38) Carbon Tetrachloride	8.206	117	872048	54.258	ug/l	99
39) Methylcyclohexane	9.459	83	1034175	53.048	ug/l	88
40) Benzene	8.459	78	2662826	53.153	ug/l	98

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41) Methacrylonitrile	7.635	41	606530	52.966	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	1078042	53.307	ug/l	96
43) Isopropyl Acetate	8.560	43	1927361	53.391	ug/l #	92
44) Trichloroethene	9.218	130	624903	52.262	ug/l	93
45) 1,2-Dichloropropane	9.488	63	735111	54.643	ug/l	100
46) Dibromomethane	9.577	93	469007	53.158	ug/l	93
47) Bromodichloromethane	9.762	83	933630	55.890	ug/l	99
48) Methyl methacrylate	9.558	41	892687	52.989	ug/l	88
49) 1,4-Dioxane	9.569	88	245335	811.615	ug/l #	80
51) 4-Methyl-2-Pentanone	10.331	43	6161323	263.096	ug/l	95
52) Toluene	10.505	92	1657291	54.186	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	1004715	49.999	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1089413	51.591	ug/l #	90
55) 1,1,2-Trichloroethane	10.896	97	659876	53.473	ug/l	98
56) Ethyl methacrylate	10.760	69	1140787	49.039	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1189643	54.749	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1392626	223.575	ug/l	91
59) 2-Hexanone	11.084	43	4361725	246.211	ug/l	92
60) Dibromochloromethane	11.237	129	670622	50.685	ug/l	100
61) 1,2-Dibromoethane	11.344	107	687557	53.792	ug/l	98
64) Tetrachloroethene	10.977	164	552864	50.071	ug/l	95
65) Chlorobenzene	11.768	112	1745983	52.852	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	644696	55.446	ug/l	100
67) Ethyl Benzene	11.843	91	3300657	55.004	ug/l	96
68) m/p-Xylenes	11.950	106	2400829	109.881	ug/l	91
69) o-Xylene	12.280	106	1205510	54.775	ug/l	91
70) Styrene	12.294	104	1980316	56.745	ug/l	96
71) Bromoform	12.457	173	489506	49.264	ug/l #	100
73) Isopropylbenzene	12.578	105	3175628	51.795	ug/l	99
74) N-amyl acetate	12.388	43	1422037	52.445	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1051939	49.616	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	1015496m	51.386	ug/l	
77) Bromobenzene	12.860	156	732563	50.868	ug/l	79
78) n-propylbenzene	12.919	91	3660490	53.652	ug/l	96
79) 2-Chlorotoluene	13.007	91	2241023	51.983	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2614413	52.978	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	291039	48.346	ug/l	95
82) 4-Chlorotoluene	13.104	91	2140752	52.803	ug/l	93
83) tert-Butylbenzene	13.324	119	2300456	52.646	ug/l	93
84) 1,2,4-Trimethylbenzene	13.367	105	2561976	54.513	ug/l	98
85) sec-Butylbenzene	13.501	105	3179626	53.646	ug/l	97
86) p-Isopropyltoluene	13.613	119	2528098	54.568	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1219539	51.546	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1180353	50.767	ug/l	97
89) n-Butylbenzene	13.943	91	2038531	54.242	ug/l	97
90) Hexachloroethane	14.209	117	452058	55.576	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1183299	51.331	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	185398	48.392	ug/l	78
93) 1,2,4-Trichlorobenzene	15.263	180	527229	46.826	ug/l	97
94) Hexachlorobutadiene	15.370	225	316271	51.768	ug/l	99
95) Naphthalene	15.507	128	1371016	41.451	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	508025	46.295	ug/l	98

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

