

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011322\
 Data File : VN070612.D
 Acq On : 13 Jan 2022 17:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jan 14 04:54:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/14/2022
 Supervised By : Mahesh Dadoda 01/14/2022

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	868996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1405974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1351734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	581540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	588988	47.140	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.280%			
35) Dibromofluoromethane	8.019	113	435823	51.232	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.460%			
50) Toluene-d8	10.438	98	1752605	50.433	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.860%			
62) 4-Bromofluorobenzene	12.728	95	687215	54.752	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.500%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	404917	41.088	ug/l	99
3) Chloromethane	2.301	50	579192	43.205	ug/l	100
4) Vinyl Chloride	2.446	62	527751	43.239	ug/l	98
5) Bromomethane	2.829	94	290296	46.081	ug/l	99
6) Chloroethane	3.006	64	351731	47.853	ug/l	100
7) Trichlorofluoromethane	3.371	101	704813	47.977	ug/l	98
8) Diethyl Ether	3.821	74	313713	48.442	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	436331	48.561	ug/l	94
10) Methyl Iodide	4.417	142	565652	46.517	ug/l	98
11) Tert butyl alcohol	5.382	59	559443	268.912	ug/l	98
12) 1,1-Dichloroethene	4.175	96	407574	46.052	ug/l	92
13) Acrolein	4.039	56	406803	240.996	ug/l	98
14) Allyl chloride	4.835	41	998360	49.754	ug/l #	83
15) Acrylonitrile	5.551	53	1745301	268.840	ug/l	99
16) Acetone	4.283	43	1652839	203.781	ug/l	98
17) Carbon Disulfide	4.524	76	1018336	42.153	ug/l	100
18) Methyl Acetate	4.851	43	1214210	51.752	ug/l	91
19) Methyl tert-butyl Ether	5.613	73	1666515	50.704	ug/l	93
20) Methylene Chloride	5.090	84	519440	46.288	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	442406	47.211	ug/l	87
22) Diisopropyl ether	6.493	45	2026923	51.862	ug/l #	91
23) Vinyl Acetate	6.428	43	7862766	259.297	ug/l	95
24) 1,1-Dichloroethane	6.383	63	983247	48.519	ug/l	98
25) 2-Butanone	7.332	43	2505271	245.312	ug/l	92
26) 2,2-Dichloropropane	7.321	77	743816	46.527	ug/l	98
27) cis-1,2-Dichloroethene	7.321	96	543881	48.642	ug/l	86
28) Bromochloromethane	7.654	49	511604	51.621	ug/l #	76
29) Tetrahydrofuran	7.681	42	1604721	263.363	ug/l	87
30) Chloroform	7.815	83	943368	48.253	ug/l	99
31) Cyclohexane	8.094	56	911329	46.221	ug/l	85
32) 1,1,1-Trichloroethane	8.011	97	768754	46.636	ug/l	96
36) 1,1-Dichloropropene	8.220	75	690891	49.095	ug/l	96
37) Ethyl Acetate	7.410	43	953353	52.264	ug/l	97
38) Carbon Tetrachloride	8.204	117	628474	46.769	ug/l	99
39) Methylcyclohexane	9.456	83	841744	49.407	ug/l	88
40) Benzene	8.459	78	2152447	49.891	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	493411	54.080	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	763364	47.073	ug/l	100
43) Isopropyl Acetate	8.558	43	1494555	51.968	ug/l	96
44) Trichloroethene	9.212	130	497531	48.534	ug/l	92
45) 1,2-Dichloropropane	9.488	63	610366	52.544	ug/l	99
46) Dibromomethane	9.574	93	359321	49.745	ug/l	94
47) Bromodichloromethane	9.759	83	732672	51.084	ug/l	99
48) Methyl methacrylate	9.558	41	746433	54.413	ug/l #	80
49) 1,4-Dioxane	9.569	88	240273	1196.551	ug/l #	84
51) 4-Methyl-2-Pentanone	10.328	43	5024407	278.035	ug/l	97
52) Toluene	10.505	92	1341992	51.389	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	836116	53.850	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	903870	53.814	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	541888	52.445	ug/l	98
56) Ethyl methacrylate	10.760	69	957178	56.065	ug/l	88
57) 1,3-Dichloropropane	11.044	76	956797	52.355	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	1656778	370.299	ug/l	90
59) 2-Hexanone	11.084	43	3671682	278.615	ug/l	96
60) Dibromochloromethane	11.237	129	529894	52.563	ug/l	99
61) 1,2-Dibromoethane	11.344	107	545327	51.979	ug/l	99
64) Tetrachloroethene	10.974	164	440288	44.980	ug/l	97
65) Chlorobenzene	11.768	112	1416869	49.401	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	505503	49.370	ug/l	99
67) Ethyl Benzene	11.843	91	2664919	50.712	ug/l	96
68) m/p-Xylenes	11.950	106	1971555	103.069	ug/l	92
69) o-Xylene	12.280	106	984500	51.744	ug/l	92
70) Styrene	12.291	104	1658612	55.079	ug/l	96
71) Bromoform	12.457	173	405930	53.419	ug/l #	100
73) Isopropylbenzene	12.578	105	2614704	48.416	ug/l	97
74) N-amyl acetate	12.388	43	1151720	50.721	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	845794	47.531	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	704400m	41.411	ug/l	
77) Bromobenzene	12.860	156	591299	47.691	ug/l	76
78) n-propylbenzene	12.919	91	3042745	50.851	ug/l	96
79) 2-Chlorotoluene	13.004	91	1846050	48.084	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2141613	49.487	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	260599	54.750	ug/l	93
82) 4-Chlorotoluene	13.104	91	1781633	49.541	ug/l	92
83) tert-Butylbenzene	13.321	119	1849405	48.532	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2093325	50.233	ug/l	97
85) sec-Butylbenzene	13.501	105	2638327	50.996	ug/l	97
86) p-Isopropyltoluene	13.613	119	2106035	51.821	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	1009446	48.635	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	971456	47.449	ug/l	97
89) n-Butylbenzene	13.940	91	1794261	52.931	ug/l	97
90) Hexachloroethane	14.209	117	359954	50.983	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	970928	47.718	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	150279	48.036	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	522429	54.492	ug/l	98
94) Hexachlorobutadiene	15.370	225	303517	54.472	ug/l	99
95) Naphthalene	15.504	128	1376504	51.880	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	507313	55.232	ug/l	99

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

