

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121321\
 Data File : VN070043.D
 Acq On : 13 Dec 2021 20:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 14 07:27:48 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 12/14/2021
 Supervised By : Amit Patel 12/15/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	922148	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1514896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1429404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	608470	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	715379	50.244	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.480%			
35) Dibromofluoromethane	8.021	113	501245	52.824	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.640%			
50) Toluene-d8	10.440	98	1893513	49.697	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.400%			
62) 4-Bromofluorobenzene	12.731	95	707981	51.291	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.580%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	500802	46.563	ug/l	100
3) Chloromethane	2.301	50	613600	45.538	ug/l	99
4) Vinyl Chloride	2.445	62	574279	46.351	ug/l	100
5) Bromomethane	2.832	94	318376	47.298	ug/l	99
6) Chloroethane	3.006	64	343059	45.185	ug/l	100
7) Trichlorofluoromethane	3.368	101	758744	46.660	ug/l	98
8) Diethyl Ether	3.821	74	315010	50.298	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.202	101	457378	50.177	ug/l	95
10) Methyl Iodide	4.417	142	617369	49.577	ug/l	97
11) Tert butyl alcohol	5.385	59	584015	216.999	ug/l	99
12) 1,1-Dichloroethene	4.175	96	428016	48.728	ug/l	89
13) Acrolein	4.038	56	534080	233.029	ug/l	96
14) Allyl chloride	4.835	41	1017249	51.394	ug/l #	91
15) Acrylonitrile	5.554	53	1798970	248.060	ug/l	99
16) Acetone	4.285	43	1917308	223.859	ug/l	97
17) Carbon Disulfide	4.521	76	1162564	51.230	ug/l	98
18) Methyl Acetate	4.854	43	1226301	47.435	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1691396	49.523	ug/l	95
20) Methylene Chloride	5.092	84	540579	47.478	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	459560	48.169	ug/l	88
22) Diisopropyl ether	6.495	45	2023959	52.316	ug/l #	94
23) Vinyl Acetate	6.433	43	7265033	230.826	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1025398	51.167	ug/l	98
25) 2-Butanone	7.335	43	2733085	234.860	ug/l	91
26) 2,2-Dichloropropane	7.327	77	741246	47.572	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	570350	49.480	ug/l	86
28) Bromochloromethane	7.656	49	553872	53.149	ug/l #	77
29) Tetrahydrofuran	7.686	42	1727146	244.420	ug/l	87
30) Chloroform	7.817	83	1031429	50.962	ug/l	98
31) Cyclohexane	8.094	56	922240	46.544	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	869425	50.431	ug/l	94
36) 1,1-Dichloropropene	8.220	75	726393	50.369	ug/l	96
37) Ethyl Acetate	7.415	43	1019052	47.476	ug/l	95
38) Carbon Tetrachloride	8.204	117	751154	53.116	ug/l	98
39) Methylcyclohexane	9.459	83	835943	48.732	ug/l	89
40) Benzene	8.458	78	2219329	50.347	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	521776	51.784	ug/l	90
42) 1,2-Dichloroethane	8.528	62	890127	50.023	ug/l	97
43) Isopropyl Acetate	8.560	43	1595330	50.225	ug/l #	93
44) Trichloroethene	9.215	130	518608	49.292	ug/l	90
45) 1,2-Dichloropropane	9.488	63	611433	51.654	ug/l	100
46) Dibromomethane	9.577	93	399251	51.429	ug/l	93
47) Bromodichloromethane	9.762	83	843862	57.411	ug/l	99
48) Methyl methacrylate	9.561	41	747911	50.455	ug/l	87
49) 1,4-Dioxane	9.569	88	250484	941.752	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	5411766	262.631	ug/l	95
52) Toluene	10.505	92	1354264	50.322	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	855116	48.454	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	920341	49.613	ug/l	90
55) 1,1,2-Trichloroethane	10.896	97	563183	51.866	ug/l	97
56) Ethyl methacrylate	10.759	69	935993	45.881	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	981081	51.313	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	1342560	243.197	ug/l	91
59) 2-Hexanone	11.084	43	3936173	252.517	ug/l	92
60) Dibromochloromethane	11.237	129	614650	52.696	ug/l	100
61) 1,2-Dibromoethane	11.344	107	576651	51.273	ug/l	98
64) Tetrachloroethene	10.977	164	445827	45.998	ug/l	95
65) Chlorobenzene	11.771	112	1437740	49.580	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	550495	53.936	ug/l	100
67) Ethyl Benzene	11.843	91	2714999	51.543	ug/l	96
68) m/p-Xylenes	11.953	106	1982249	103.353	ug/l	92
69) o-Xylene	12.280	106	986960	51.088	ug/l	91
70) Styrene	12.294	104	1646697	53.754	ug/l	96
71) Bromoform	12.457	173	477720	54.466	ug/l #	100
73) Isopropylbenzene	12.578	105	2613890	48.283	ug/l	98
74) N-amyl acetate	12.387	43	1161809	48.527	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	913610	48.802	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	817540m	46.852	ug/l	
77) Bromobenzene	12.859	156	607120	47.745	ug/l	77
78) n-propylbenzene	12.918	91	2999819	49.796	ug/l	96
79) 2-Chlorotoluene	13.007	91	1841742	48.384	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2148668	49.311	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.623	75	264971	49.723	ug/l	96
82) 4-Chlorotoluene	13.103	91	1775614	49.601	ug/l	92
83) tert-Butylbenzene	13.323	119	1872247	48.525	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2084403	50.229	ug/l	97
85) sec-Butylbenzene	13.500	105	2619454	50.052	ug/l	97
86) p-Isopropyltoluene	13.616	119	2076224	50.754	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1033246	49.461	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	994030	48.420	ug/l	97
89) n-Butylbenzene	13.943	91	1692180	50.994	ug/l	98
90) Hexachloroethane	14.208	117	412380	57.417	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1001713	49.213	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	177025	52.331	ug/l	79
93) 1,2,4-Trichlorobenzene	15.262	180	457769	46.093	ug/l	98
94) Hexachlorobutadiene	15.370	225	271031	50.243	ug/l	100
95) Naphthalene	15.504	128	1282865	43.689	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	461056	47.515	ug/l	99

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

