

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069956.D
 Acq On : 10 Dec 2021 12:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 11 05:17:34 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/11/2021
 Supervised By : Amit Patel 12/14/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	908371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1461185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1371673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	606687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	674696	48.106	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.220%		
35) Dibromofluoromethane	8.021	113	469565	51.304	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.600%		
50) Toluene-d8	10.440	98	1820110	49.526	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.731	95	682769	51.282	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	558355	52.701	ug/l	99
3) Chloromethane	2.303	50	656808	49.483	ug/l	99
4) Vinyl Chloride	2.448	62	623793	51.111	ug/l	99
5) Bromomethane	2.842	94	376076	56.718	ug/l	100
6) Chloroethane	3.014	64	378691	50.634	ug/l	99
7) Trichlorofluoromethane	3.376	101	841380	52.526	ug/l	98
8) Diethyl Ether	3.824	74	336464	54.538	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.205	101	503429	56.067	ug/l	96
10) Methyl Iodide	4.419	142	648811	52.893	ug/l	98
11) Tert butyl alcohol	5.374	59	621961	234.604	ug/l	98
12) 1,1-Dichloroethene	4.178	96	465477	53.796	ug/l	86
13) Acrolein	4.038	56	597502	264.655	ug/l	99
14) Allyl chloride	4.840	41	1101593	56.500	ug/l	93
15) Acrylonitrile	5.554	53	1804981	252.664	ug/l	98
16) Acetone	4.285	43	2279537	270.189	ug/l	97
17) Carbon Disulfide	4.527	76	1281163	57.313	ug/l	100
18) Methyl Acetate	4.854	43	1291299	50.707	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	1833433	54.496	ug/l	95
20) Methylene Chloride	5.092	84	577641	51.503	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	505633	53.802	ug/l	85
22) Diisopropyl ether	6.495	45	2168469	56.902	ug/l #	94
23) Vinyl Acetate	6.433	43	9025090	291.096	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1096904	55.565	ug/l	97
25) 2-Butanone	7.335	43	2889784	252.092	ug/l	92
26) 2,2-Dichloropropane	7.324	77	917186	59.756	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	607486	53.501	ug/l	84
28) Bromochloromethane	7.659	49	523235	50.970	ug/l #	76
29) Tetrahydrofuran	7.686	42	1710578	245.747	ug/l	87
30) Chloroform	7.817	83	1086756	54.510	ug/l	100
31) Cyclohexane	8.094	56	1012130	51.855	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	952211	56.070	ug/l	95
36) 1,1-Dichloropropene	8.220	75	796717	57.276	ug/l	96
37) Ethyl Acetate	7.412	43	1077396	52.040	ug/l	95
38) Carbon Tetrachloride	8.206	117	823659	60.383	ug/l	99
39) Methylcyclohexane	9.459	83	957542	57.873	ug/l	89
40) Benzene	8.458	78	2370439	55.752	ug/l	99

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41) Methacrylonitrile	7.635	41	541917	55.760	ug/l	88
42) 1,2-Dichloroethane	8.531	62	960019	55.934	ug/l	96
43) Isopropyl Acetate	8.560	43	1698949	55.453	ug/l #	93
44) Trichloroethene	9.215	130	562022	55.382	ug/l	89
45) 1,2-Dichloropropane	9.488	63	656545	57.503	ug/l	99
46) Dibromomethane	9.577	93	422859	56.472	ug/l	92
47) Bromodichloromethane	9.762	83	892662	62.964	ug/l	99
48) Methyl methacrylate	9.558	41	789588	55.224	ug/l	86
49) 1,4-Dioxane	9.569	88	248574	968.925	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	5485472	275.993	ug/l	95
52) Toluene	10.505	92	1456808	56.122	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	959382	55.905	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1008281	56.080	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	591153	56.443	ug/l	98
56) Ethyl methacrylate	10.759	69	1009582	51.038	ug/l #	84
57) 1,3-Dichloropropane	11.044	76	1046874	56.767	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1298907	243.883	ug/l	90
59) 2-Hexanone	11.084	43	4111682	273.472	ug/l	92
60) Dibromochloromethane	11.237	129	645553	57.169	ug/l	100
61) 1,2-Dibromoethane	11.347	107	606703	55.928	ug/l	100
64) Tetrachloroethene	10.977	164	471465	50.690	ug/l	95
65) Chlorobenzene	11.771	112	1550866	55.732	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	589052	60.142	ug/l	100
67) Ethyl Benzene	11.843	91	2935141	58.067	ug/l	96
68) m/p-Xylenes	11.953	106	2142983	116.437	ug/l	91
69) o-Xylene	12.280	106	1061976	57.285	ug/l	91
70) Styrene	12.294	104	1777236	60.457	ug/l	95
71) Bromoform	12.457	173	498104	58.944	ug/l #	100
73) Isopropylbenzene	12.578	105	2821858	52.278	ug/l	98
74) N-amyl acetate	12.387	43	1315823	55.122	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	939679	50.342	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	808502m	46.470	ug/l	
77) Bromobenzene	12.859	156	649908	51.260	ug/l	77
78) n-propylbenzene	12.921	91	3335418	55.529	ug/l	96
79) 2-Chlorotoluene	13.007	91	1997346	52.626	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2342402	53.915	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	298950	55.730	ug/l	97
82) 4-Chlorotoluene	13.104	91	1968386	55.148	ug/l	92
83) tert-Butylbenzene	13.323	119	2019528	52.496	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	2313088	55.904	ug/l	97
85) sec-Butylbenzene	13.500	105	2877803	55.150	ug/l	98
86) p-Isopropyltoluene	13.616	119	2337255	57.303	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1140904	54.775	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1100169	53.747	ug/l	97
89) n-Butylbenzene	13.943	91	2015183	60.906	ug/l	97
90) Hexachloroethane	14.208	117	460355	64.285	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1079534	53.193	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	183357	54.362	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	548954	54.854	ug/l	98
94) Hexachlorobutadiene	15.370	225	322815	60.019	ug/l	100
95) Naphthalene	15.507	128	1457134	49.215	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	525727	53.990	ug/l	99

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

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