

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121521\
 Data File : VN070125.D
 Acq On : 15 Dec 2021 21:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 16 05:42:02 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 12/16/2021
 Supervised By : Amit Patel 12/16/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	982216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1655313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1574346	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	667236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	742580	48.965	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.940%		
35) Dibromofluoromethane	8.021	113	509519	49.141	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.280%		
50) Toluene-d8	10.443	98	2033977	48.855	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.700%		
62) 4-Bromofluorobenzene	12.731	95	768057	50.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	483832	42.234	ug/l	100
3) Chloromethane	2.301	50	626286	43.637	ug/l	100
4) Vinyl Chloride	2.445	62	570211	43.208	ug/l	98
5) Bromomethane	2.832	94	294415	41.064	ug/l	100
6) Chloroethane	3.006	64	350120	43.294	ug/l	97
7) Trichlorofluoromethane	3.368	101	719967	41.568	ug/l	99
8) Diethyl Ether	3.819	74	331463	49.688	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.199	101	461311	47.513	ug/l	96
10) Methyl Iodide	4.414	142	603810	45.523	ug/l	98
11) Tert butyl alcohol	5.388	59	655062	228.513	ug/l	100
12) 1,1-Dichloroethene	4.173	96	428238	45.771	ug/l	88
13) Acrolein	4.039	56	528926	216.667	ug/l	99
14) Allyl chloride	4.835	41	1013221	48.060	ug/l #	90
15) Acrylonitrile	5.557	53	1946982	252.051	ug/l	99
16) Acetone	4.288	43	1915017	209.918	ug/l	96
17) Carbon Disulfide	4.524	76	908577	37.589	ug/l	98
18) Methyl Acetate	4.857	43	1353280	49.145	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	1830917	50.329	ug/l	96
20) Methylene Chloride	5.093	84	560030	46.178	ug/l #	84
21) trans-1,2-Dichloroethene	5.594	96	458654	45.134	ug/l	86
22) Diisopropyl ether	6.501	45	2163475	52.503	ug/l #	92
23) Vinyl Acetate	6.434	43	8557672	255.268	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1061188	49.714	ug/l	97
25) 2-Butanone	7.337	43	2942517	237.394	ug/l	91
26) 2,2-Dichloropropane	7.327	77	732162	44.115	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	583534	47.528	ug/l	86
28) Bromochloromethane	7.659	49	537088	48.386	ug/l #	76
29) Tetrahydrofuran	7.686	42	1902349	252.750	ug/l	87
30) Chloroform	7.817	83	1044687	48.460	ug/l	98
31) Cyclohexane	8.094	56	950557	45.039	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	857792	46.713	ug/l	96
36) 1,1-Dichloropropene	8.222	75	736874	46.762	ug/l	96
37) Ethyl Acetate	7.415	43	1106480	47.177	ug/l	96
38) Carbon Tetrachloride	8.206	117	673378	43.577	ug/l	99
39) Methylcyclohexane	9.459	83	861303	45.951	ug/l	88
40) Benzene	8.461	78	2291101	47.566	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	614555	55.818	ug/l #	84
42) 1,2-Dichloroethane	8.531	62	918034	47.215	ug/l	97
43) Isopropyl Acetate	8.563	43	1716920	49.468	ug/l #	93
44) Trichloroethene	9.217	130	531317	46.216	ug/l	89
45) 1,2-Dichloropropane	9.491	63	643090	49.719	ug/l	99
46) Dibromomethane	9.577	93	405653	47.821	ug/l	92
47) Bromodichloromethane	9.762	83	780111	48.572	ug/l	99
48) Methyl methacrylate	9.561	41	811745	50.116	ug/l	86
49) 1,4-Dioxane	9.571	88	279230	960.775	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	5917559	262.816	ug/l	95
52) Toluene	10.505	92	1410539	47.967	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	828437	43.277	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	906502	44.919	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	583462	49.176	ug/l	98
56) Ethyl methacrylate	10.762	69	1005995	45.167	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1040070	49.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1311581	219.380	ug/l	90
59) 2-Hexanone	11.087	43	4278023	251.166	ug/l	93
60) Dibromochloromethane	11.240	129	541895	42.977	ug/l	99
61) 1,2-Dibromoethane	11.347	107	582847	47.428	ug/l	100
64) Tetrachloroethene	10.977	164	478172	44.793	ug/l	95
65) Chlorobenzene	11.771	112	1497227	46.878	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	526080	46.798	ug/l	99
67) Ethyl Benzene	11.846	91	2829014	48.763	ug/l	96
68) m/p-Xylenes	11.953	106	2048004	96.951	ug/l	92
69) o-Xylene	12.280	106	1036351	48.706	ug/l	91
70) Styrene	12.294	104	1694545	50.224	ug/l	95
71) Bromoform	12.460	173	386833	40.767	ug/l #	99
73) Isopropylbenzene	12.578	105	2742581	46.198	ug/l	98
74) N-amyl acetate	12.388	43	1246207	47.468	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	950368	46.295	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	888080m	46.412	ug/l	
77) Bromobenzene	12.862	156	621340	44.559	ug/l	75
78) n-propylbenzene	12.921	91	3112900	47.122	ug/l	95
79) 2-Chlorotoluene	13.007	91	1928792	46.208	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	2224701	46.559	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	231693	40.472	ug/l	89
82) 4-Chlorotoluene	13.106	91	1832869	46.691	ug/l	92
83) tert-Butylbenzene	13.324	119	1970732	46.579	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	2178905	47.882	ug/l	98
85) sec-Butylbenzene	13.503	105	2727610	47.528	ug/l	97
86) p-Isopropyltoluene	13.616	119	2159588	48.142	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1049957	45.834	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1003000	44.554	ug/l	97
89) n-Butylbenzene	13.943	91	1741780	47.866	ug/l	97
90) Hexachloroethane	14.211	117	337069	42.798	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1016370	45.536	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	165576	44.635	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	472845	43.585	ug/l	97
94) Hexachlorobutadiene	15.370	225	290522	49.113	ug/l	99
95) Naphthalene	15.507	128	1325531	41.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	470593	44.395	ug/l	99

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

