

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069753.D
 Acq On : 4 Dec 2021 6:55
 Operator : JC/MD
 Sample : M4922-19MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE139D2-20211130MSD

Quant Time: Dec 04 07:22:16 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 12/04/2021
 Supervised By : Mahesh Dadoda 12/06/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1056609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1775376	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1660582	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	718209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	777595	47.664	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.320%		
35) Dibromofluoromethane	8.021	113	537974	48.376	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.760%		
50) Toluene-d8	10.440	98	2124342	47.575	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.140%		
62) 4-Bromofluorobenzene	12.728	95	773884	47.839	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	638095	51.778	ug/l	100
3) Chloromethane	2.303	50	717480	46.471	ug/l	99
4) Vinyl Chloride	2.448	62	700217	49.323	ug/l	98
5) Bromomethane	2.850	94	327267	42.432	ug/l	99
6) Chloroethane	3.019	64	421533	48.455	ug/l	96
7) Trichlorofluoromethane	3.379	101	906556	48.655	ug/l	98
8) Diethyl Ether	3.824	74	356754	49.714	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.207	101	551740	52.826	ug/l	95
10) Methyl Iodide	4.419	142	593037	41.563	ug/l	97
11) Tert butyl alcohol	5.377	59	602427	195.355	ug/l	99
12) 1,1-Dichloroethene	4.183	96	525597	52.222	ug/l	88
13) Acrolein	4.041	56	424499	161.647	ug/l	97
14) Allyl chloride	4.840	41	1092113	48.155	ug/l	95
15) Acrylonitrile	5.554	53	1849952	222.628	ug/l	98
16) Acetone	4.285	43	1744162	177.728	ug/l	97
17) Carbon Disulfide	4.529	76	1354535	52.094	ug/l	100
18) Methyl Acetate	4.854	43	1154183	38.964	ug/l	93
19) Methyl tert-butyl Ether	5.615	73	1933329	49.403	ug/l	97
20) Methylene Chloride	5.095	84	614909	47.134	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	543653	49.732	ug/l	86
22) Diisopropyl ether	6.495	45	2243024	50.601	ug/l	93
23) Vinyl Acetate	6.433	43	8079419	224.034	ug/l	94
24) 1,1-Dichloroethane	6.388	63	1165595	50.761	ug/l	98
25) 2-Butanone	7.335	43	2710562	203.284	ug/l	91
26) 2,2-Dichloropropane	7.327	77	731099	40.950	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	675330	51.132	ug/l	88
28) Bromochloromethane	7.656	49	579821	48.558	ug/l #	79
29) Tetrahydrofuran	7.683	42	1791270	221.236	ug/l	88
30) Chloroform	7.817	83	1164384	50.210	ug/l	100
31) Cyclohexane	8.094	56	1095617	48.258	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	990292	50.132	ug/l	95
36) 1,1-Dichloropropene	8.220	75	846819	50.105	ug/l	96
37) Ethyl Acetate	7.412	43	993876	39.510	ug/l	95
38) Carbon Tetrachloride	8.206	117	867213	52.325	ug/l	100
39) Methylcyclohexane	9.459	83	992075	49.349	ug/l	90
40) Benzene	8.461	78	2545701	49.278	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	526349	44.574	ug/l	90
42) 1,2-Dichloroethane	8.531	62	1018640	48.846	ug/l	96
43) Isopropyl Acetate	8.560	43	1652294	44.386	ug/l #	95
44) Trichloroethene	9.215	130	2764187	224.181	ug/l	90
45) 1,2-Dichloropropane	9.488	63	689983	49.737	ug/l	99
46) Dibromomethane	9.577	93	448763	49.325	ug/l	92
47) Bromodichloromethane	9.762	83	874747	50.781	ug/l	99
48) Methyl methacrylate	9.558	41	813575	46.832	ug/l	89
49) 1,4-Dioxane	9.569	88	249825	801.466	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	5600920	231.931	ug/l	95
52) Toluene	10.505	92	1581229	50.135	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	914515	44.461	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	980650	45.290	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	626983	49.270	ug/l	99
56) Ethyl methacrylate	10.759	69	1055841	44.248	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1112195	49.636	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.059	63	627	18.478	ug/l #	45
59) 2-Hexanone	11.084	43	3999819	218.952	ug/l	93
60) Dibromochloromethane	11.237	129	630810	46.442	ug/l	100
61) 1,2-Dibromoethane	11.344	107	645965	49.009	ug/l	99
64) Tetrachloroethene	10.977	164	520787	46.252	ug/l	96
65) Chlorobenzene	11.768	112	1660299	49.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	601531	50.731	ug/l	100
67) Ethyl Benzene	11.843	91	3092278	50.532	ug/l	96
68) m/p-Xylenes	11.953	106	2268287	101.803	ug/l	92
69) o-Xylene	12.280	106	1134813	50.564	ug/l	92
70) Styrene	12.294	104	1838684	51.666	ug/l	95
71) Bromoform	12.457	173	453352	44.992	ug/l #	100
73) Isopropylbenzene	12.578	105	2975257	46.561	ug/l	98
74) N-amyl acetate	12.387	43	1151705	40.755	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	982176	44.449	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	871105m	42.294	ug/l	
77) Bromobenzene	12.859	156	688172	45.850	ug/l	79
78) n-propylbenzene	12.918	91	3405115	47.887	ug/l	96
79) 2-Chlorotoluene	13.007	91	2079987	46.293	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2433427	47.313	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.623	75	244287	39.726	ug/l	94
82) 4-Chlorotoluene	13.103	91	2000404	47.342	ug/l	93
83) tert-Butylbenzene	13.323	119	2114866	46.438	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2386736	48.727	ug/l	98
85) sec-Butylbenzene	13.500	105	2912663	47.151	ug/l	97
86) p-Isopropyltoluene	13.613	119	2331317	48.282	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1159987	47.043	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1125604	46.451	ug/l	97
89) n-Butylbenzene	13.940	91	1843840	47.074	ug/l	98
90) Hexachloroethane	14.208	117	404664	47.734	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1133784	47.191	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	177064	44.345	ug/l	78
93) 1,2,4-Trichlorobenzene	15.262	180	502264	43.049	ug/l	98
94) Hexachlorobutadiene	15.370	225	279413	43.883	ug/l	98
95) Naphthalene	15.504	128	1398885	40.664	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	492299	43.216	ug/l	98

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

