

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120321\
 Data File : VN069755.D
 Acq On : 4 Dec 2021 7:45
 Operator : JC/MD
 Sample : M4919-05MSD
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FDR-MW-4-20211202MSD

Quant Time: Dec 04 08:26:57 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	1035797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1735809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1644967	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	704494	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	796819	49.824	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.640%		
35) Dibromofluoromethane	8.021	113	545246	50.148	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.300%		
50) Toluene-d8	10.440	98	2153891	49.336	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.680%		
62) 4-Bromofluorobenzene	12.728	95	789258	49.902	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	669608	55.427	ug/l	100
3) Chloromethane	2.303	50	820328	54.200	ug/l	100
4) Vinyl Chloride	2.448	62	739279	53.121	ug/l #	75
5) Bromomethane	2.848	94	284588	37.640	ug/l	99
6) Chloroethane	3.019	64	488483	57.279	ug/l	95
7) Trichlorofluoromethane	3.376	101	962735	52.708	ug/l	100
8) Diethyl Ether	3.824	74	386875	54.995	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	542557	52.991	ug/l	95
10) Methyl Iodide	4.419	142	608684	43.517	ug/l	97
11) Tert butyl alcohol	5.374	59	628367	207.861	ug/l	99
12) 1,1-Dichloroethene	4.181	96	534220	54.145	ug/l	87
13) Acrolein	4.041	56	495171	192.347	ug/l	97
14) Allyl chloride	4.838	41	1033095	46.468	ug/l	94
15) Acrylonitrile	5.554	53	2000654	245.602	ug/l	98
16) Acetone	4.285	43	1845765	191.861	ug/l	97
17) Carbon Disulfide	4.529	76	1519013	59.593	ug/l	100
18) Methyl Acetate	4.854	43	1327431	45.713	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	2107356	54.932	ug/l	96
20) Methylene Chloride	5.095	84	651495	50.941	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	573732	53.538	ug/l #	83
22) Diisopropyl ether	6.498	45	2419515	55.679	ug/l	92
23) Vinyl Acetate	6.434	43	9259887	261.926	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1238831	55.034	ug/l	98
25) 2-Butanone	7.335	43	2965743	226.890	ug/l	92
26) 2,2-Dichloropropane	7.327	77	770313	44.013	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	693842	53.589	ug/l	88
28) Bromochloromethane	7.656	49	600894	51.334	ug/l #	79
29) Tetrahydrofuran	7.683	42	1952027	245.935	ug/l	88
30) Chloroform	7.817	83	1228976	54.060	ug/l	99
31) Cyclohexane	8.094	56	1148691	51.612	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	1052020	54.327	ug/l	96
36) 1,1-Dichloropropene	8.222	75	902948	54.643	ug/l	96
37) Ethyl Acetate	7.412	43	1125222	45.751	ug/l	95
38) Carbon Tetrachloride	8.206	117	892437	55.075	ug/l	99
39) Methylcyclohexane	9.459	83	1044493	53.140	ug/l	90
40) Benzene	8.461	78	2702848	53.513	ug/l	98

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41) Methacrylonitrile	7.638	41	611688	52.981	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	1089196	53.420	ug/l	96
43) Isopropyl Acetate	8.560	43	1852331	50.894	ug/l #	94
44) Trichloroethene	9.215	130	676217	56.093	ug/l	91
45) 1,2-Dichloropropane	9.488	63	733675	54.092	ug/l	100
46) Dibromomethane	9.577	93	479394	53.893	ug/l	93
47) Bromodichloromethane	9.762	83	941392	55.896	ug/l	100
48) Methyl methacrylate	9.558	41	902738	53.149	ug/l	89
49) 1,4-Dioxane	9.569	88	264960	869.397	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	6253763	264.868	ug/l	94
52) Toluene	10.505	92	1675141	54.324	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	967754	47.892	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1050507	49.430	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	667987	53.689	ug/l	98
56) Ethyl methacrylate	10.760	69	1162928	49.558	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	1194667	54.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.076	63	1493	18.607	ug/l #	45
59) 2-Hexanone	11.084	43	4471851	250.371	ug/l	93
60) Dibromochloromethane	11.237	129	680884	51.025	ug/l	100
61) 1,2-Dibromoethane	11.344	107	703010	54.553	ug/l	99
64) Tetrachloroethene	10.977	164	581853	52.165	ug/l	95
65) Chlorobenzene	11.768	112	1782604	53.417	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	645814	54.983	ug/l	99
67) Ethyl Benzene	11.843	91	3314025	54.670	ug/l	95
68) m/p-Xylenes	11.950	106	2414561	109.396	ug/l	92
69) o-Xylene	12.280	106	1219876	54.870	ug/l	92
70) Styrene	12.294	104	1973068	55.968	ug/l	95
71) Bromoform	12.457	173	484874	48.360	ug/l #	100
73) Isopropylbenzene	12.578	105	3182812	50.779	ug/l	99
74) N-amyl acetate	12.387	43	1385869	49.996	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1068510	49.297	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	921406m	45.607	ug/l	
77) Bromobenzene	12.860	156	738816	50.182	ug/l	82
78) n-propylbenzene	12.919	91	3662266	52.506	ug/l	96
79) 2-Chlorotoluene	13.007	91	2257737	51.228	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2609884	51.732	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	109917	20.421	ug/l	92
82) 4-Chlorotoluene	13.104	91	2155723	52.011	ug/l	92
83) tert-Butylbenzene	13.321	119	2288109	51.220	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2565258	53.391	ug/l	99
85) sec-Butylbenzene	13.501	105	3129030	51.639	ug/l	98
86) p-Isopropyltoluene	13.613	119	2526882	53.351	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1255802	51.920	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1217831	51.235	ug/l	97
89) n-Butylbenzene	13.940	91	2062523	53.682	ug/l	98
90) Hexachloroethane	14.209	117	349509	42.030	ug/l	87
91) 1,2-Dichlorobenzene	13.986	146	1216775	51.631	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	190720	48.695	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	582101	50.340	ug/l	98
94) Hexachlorobutadiene	15.370	225	298883	47.854	ug/l	99
95) Naphthalene	15.504	128	1791203	51.865	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	588405	52.125	ug/l	98

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

