

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069826.D
 Acq On : 7 Dec 2021 20:04
 Operator : JC/MD
 Sample : M4956-10MSD 10X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE137-20211204MSD

Quant Time: Dec 08 04:39:53 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 12/08/2021
 Supervised By : Amit Patel 12/14/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1068450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1801217	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1701799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	723881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	818642	49.624	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.240%		
35) Dibromofluoromethane	8.021	113	558423	49.495	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.980%		
50) Toluene-d8	10.441	98	2210727	48.799	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.600%		
62) 4-Bromofluorobenzene	12.731	95	811881	49.468	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	643971	51.675	ug/l	98
3) Chloromethane	2.303	50	744323	47.675	ug/l	100
4) Vinyl Chloride	2.448	62	726587	50.613	ug/l	98
5) Bromomethane	2.842	94	416358	53.385	ug/l	98
6) Chloroethane	3.014	64	432798	49.199	ug/l	97
7) Trichlorofluoromethane	3.374	101	944335	50.121	ug/l	99
8) Diethyl Ether	3.824	74	371984	51.262	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.208	101	563696	53.373	ug/l	96
10) Methyl Iodide	4.419	142	736135	51.020	ug/l	97
11) Tert butyl alcohol	5.380	59	676548	216.960	ug/l	98
12) 1,1-Dichloroethene	4.181	96	523959	51.482	ug/l	88
13) Acrolein	4.039	56	854517	321.789	ug/l	98
14) Allyl chloride	4.841	41	1180948	51.495	ug/l	93
15) Acrylonitrile	5.554	53	2011333	239.367	ug/l	99
16) Acetone	4.285	43	1831574	184.567	ug/l	96
17) Carbon Disulfide	4.529	76	1352090	51.423	ug/l	99
18) Methyl Acetate	4.854	43	1411835	47.134	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	2050058	51.805	ug/l	96
20) Methylene Chloride	5.093	84	643404	48.771	ug/l #	85
21) trans-1,2-Dichloroethene	5.600	96	558108	50.488	ug/l	87
22) Diisopropyl ether	6.498	45	2390428	53.328	ug/l	93
23) Vinyl Acetate	6.434	43	9767477	267.840	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1224891	52.752	ug/l	98
25) 2-Butanone	7.335	43	2955736	219.214	ug/l	91
26) 2,2-Dichloropropane	7.324	77	892817	49.454	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	681602	51.035	ug/l	86
28) Bromochloromethane	7.657	49	614392	50.883	ug/l #	78
29) Tetrahydrofuran	7.683	42	1945113	237.574	ug/l	88
30) Chloroform	7.818	83	1215827	51.847	ug/l	99
31) Cyclohexane	8.094	56	1144244	49.841	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	1053394	52.735	ug/l	96
36) 1,1-Dichloropropene	8.223	75	880008	51.321	ug/l	97
37) Ethyl Acetate	7.413	43	1182536	46.335	ug/l	96
38) Carbon Tetrachloride	8.206	117	886950	52.748	ug/l	100
39) Methylcyclohexane	9.459	83	1062251	52.081	ug/l	91
40) Benzene	8.459	78	2687633	51.279	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	598851	49.986	ug/l	89
42) 1,2-Dichloroethane	8.528	62	1071238	50.632	ug/l	96
43) Isopropyl Acetate	8.560	43	1874757	49.640	ug/l #	93
44) Trichloroethene	9.215	130	2368578	189.341	ug/l	92
45) 1,2-Dichloropropane	9.488	63	729783	51.852	ug/l	98
46) Dibromomethane	9.577	93	466932	50.586	ug/l	93
47) Bromodichloromethane	9.762	83	932150	53.337	ug/l	100
48) Methyl methacrylate	9.558	41	880462	49.955	ug/l	89
49) 1,4-Dioxane	9.569	88	267022	844.346	ug/l #	86
51) 4-Methyl-2-Pentanone	10.331	43	6113946	249.543	ug/l	95
52) Toluene	10.505	92	1662599	51.959	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	997572	47.594	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1071229	48.610	ug/l #	89
55) 1,1,2-Trichloroethane	10.896	97	661779	51.258	ug/l	97
56) Ethyl methacrylate	10.760	69	1136831	46.819	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1175620	51.714	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.036	63	7844	19.494	ug/l	95
59) 2-Hexanone	11.084	43	4347917	234.592	ug/l	93
60) Dibromochloromethane	11.237	129	674764	48.837	ug/l	99
61) 1,2-Dibromoethane	11.344	107	686645	51.348	ug/l	98
64) Tetrachloroethene	10.977	164	559812	48.513	ug/l	96
65) Chlorobenzene	11.768	112	1754312	50.814	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	644462	53.036	ug/l	100
67) Ethyl Benzene	11.843	91	3305305	52.705	ug/l	95
68) m/p-Xylenes	11.953	106	2405245	105.335	ug/l	92
69) o-Xylene	12.278	106	1199509	52.152	ug/l	91
70) Styrene	12.294	104	1946832	53.380	ug/l	95
71) Bromoform	12.457	173	491002	47.393	ug/l #	100
73) Isopropylbenzene	12.578	105	3176520	49.321	ug/l	98
74) N-amyl acetate	12.388	43	1389942	48.800	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1046518	46.989	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	893518m	43.042	ug/l	
77) Bromobenzene	12.860	156	729782	48.241	ug/l	79
78) n-propylbenzene	12.919	91	3625031	50.580	ug/l	96
79) 2-Chlorotoluene	13.007	91	2231669	49.280	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2605866	50.269	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	279370	44.529	ug/l	94
82) 4-Chlorotoluene	13.104	91	2137702	50.195	ug/l	93
83) tert-Butylbenzene	13.321	119	2275183	49.567	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2560662	51.868	ug/l	97
85) sec-Butylbenzene	13.501	105	3124155	50.178	ug/l	98
86) p-Isopropyltoluene	13.613	119	2502295	51.417	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1234070	49.656	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1199764	49.124	ug/l	98
89) n-Butylbenzene	13.943	91	2013382	51.000	ug/l	97
90) Hexachloroethane	14.211	117	446662	52.275	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	1194327	49.321	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	188049	46.727	ug/l	79
93) 1,2,4-Trichlorobenzene	15.263	180	533406	45.205	ug/l	98
94) Hexachlorobutadiene	15.367	225	295301	46.015	ug/l	99
95) Naphthalene	15.504	128	1502163	43.063	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	523995	45.501	ug/l	99

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

