

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102721\
 Data File : VN069231.D
 Acq On : 27 Oct 2021 20:33
 Operator : JC/MD
 Sample : M4337-19MS
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-1D(OFFSITE)MS

Manual Integrations
 APPROVED

MMDadoda
 10/29/2021 6:31:16 PM

Quant Time: Oct 28 05:23:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	236313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	424750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	396169	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	165310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	174258	55.929	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 111.860%			
35) Dibromofluoromethane	8.024	113	132006	53.417	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.840%			
50) Toluene-d8	10.443	98	516496	52.236	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.480%			
62) 4-Bromofluorobenzene	12.733	95	192828	51.689	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 103.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	112786	38.618	ug/l	100
3) Chloromethane	2.301	50	127033	43.981	ug/l	100
4) Vinyl Chloride	2.443	62	147267	50.197	ug/l	99
5) Bromomethane	2.824	94	95543	59.207	ug/l	99
6) Chloroethane	2.998	64	101209	58.537	ug/l	100
7) Trichlorofluoromethane	3.365	101	198939	48.426	ug/l	98
8) Diethyl Ether	3.824	74	74415	48.563	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	103682	46.937	ug/l	99
10) Methyl Iodide	4.425	142	136736	42.649	ug/l	97
11) Tert butyl alcohol	5.369	59	172127	302.337	ug/l	98
12) 1,1-Dichloroethene	4.183	96	103224	45.206	ug/l	99
13) Acrolein	4.041	56	54363	215.853	ug/l	98
14) Allyl chloride	4.840	41	168759	41.228	ug/l	96
15) Acrylonitrile	5.554	53	388282	304.370	ug/l	99
16) Acetone	4.285	43	341733	293.908	ug/l	98
17) Carbon Disulfide	4.535	76	221925	35.812	ug/l	100
18) Methyl Acetate	4.854	43	205924	46.693	ug/l	96
19) Methyl tert-butyl Ether	5.616	73	436482	51.337	ug/l	99
20) Methylene Chloride	5.098	84	130794	48.874	ug/l	95
21) trans-1,2-Dichloroethene	5.599	96	111075	45.027	ug/l	99
22) Diisopropyl ether	6.498	45	403377	47.387	ug/l	97
23) Vinyl Acetate	6.434	43	1159155m	180.126	ug/l	
24) 1,1-Dichloroethane	6.388	63	229239	49.565	ug/l	99
25) 2-Butanone	7.332	43	537514	305.713	ug/l	97
26) 2,2-Dichloropropane	7.327	77	88984	20.189	ug/l	89
27) cis-1,2-Dichloroethene	7.327	96	199153	66.785	ug/l	91
28) Bromochloromethane	7.659	49	95960	45.810	ug/l	97
29) Tetrahydrofuran	7.683	42	354939	311.223	ug/l	96
30) Chloroform	7.820	83	251907	51.682	ug/l	98
31) Cyclohexane	8.096	56	196852	40.635	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	222586	48.987	ug/l	99
36) 1,1-Dichloropropene	8.222	75	170746	47.063	ug/l	99
37) Ethyl Acetate	7.412	43	161858	43.197	ug/l	99
38) Carbon Tetrachloride	8.209	117	185358	46.519	ug/l	98
39) Methylcyclohexane	9.461	83	197684	42.334	ug/l	97
40) Benzene	8.461	78	535128	48.438	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	99002	52.415	ug/l	93
42) 1,2-Dichloroethane	8.531	62	203009	51.892	ug/l	99
43) Isopropyl Acetate	8.560	43	297781	45.042	ug/l	98
44) Trichloroethene	9.217	130	146559	53.007	ug/l	99
45) 1,2-Dichloropropane	9.491	63	140522	49.019	ug/l	98
46) Dibromomethane	9.579	93	99893	51.048	ug/l	99
47) Bromodichloromethane	9.765	83	191404	47.201	ug/l	98
48) Methyl methacrylate	9.561	41	151819	48.873	ug/l	90
49) 1,4-Dioxane	9.569	88	68443	1125.819	ug/l	94
51) 4-Methyl-2-Pentanone	10.333	43	1134291	295.892	ug/l	99
52) Toluene	10.507	92	353225	49.696	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	186119	40.519	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	194296	40.655	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	145234	51.826	ug/l	99
56) Ethyl methacrylate	10.762	69	242403	51.519	ug/l	98
57) 1,3-Dichloropropane	11.044	76	245280	53.081	ug/l	100
59) 2-Hexanone	11.087	43	855273	311.110	ug/l	99
60) Dibromochloromethane	11.240	129	149496	47.262	ug/l	99
61) 1,2-Dibromoethane	11.347	107	151941	52.861	ug/l	98
64) Tetrachloroethene	10.979	164	159257	62.403	ug/l	97
65) Chlorobenzene	11.771	112	376913	50.277	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	144046	49.092	ug/l	100
67) Ethyl Benzene	11.846	91	694844	49.898	ug/l	99
68) m/p-Xylenes	11.953	106	516252	97.795	ug/l	100
69) o-Xylene	12.283	106	262506	49.680	ug/l	99
70) Styrene	12.296	104	429362	49.918	ug/l	99
71) Bromoform	12.460	173	108933	46.345	ug/l #	98
73) Isopropylbenzene	12.581	105	692444	50.324	ug/l	100
74) N-amyl acetate	12.390	43	209871	40.259	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.827	83	236705	59.528	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	196467m	55.857	ug/l	
77) Bromobenzene	12.862	156	158132	51.973	ug/l	99
78) n-propylbenzene	12.921	91	760279	49.168	ug/l	99
79) 2-Chlorotoluene	13.010	91	478184	50.172	ug/l	99
80) 1,3,5-Trimethylbenzene	13.061	105	565171	49.313	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	52819	35.927	ug/l	92
82) 4-Chlorotoluene	13.106	91	458106	49.741	ug/l	99
83) tert-Butylbenzene	13.326	119	503740	50.491	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	552332	50.018	ug/l	100
85) sec-Butylbenzene	13.503	105	682570	49.401	ug/l	99
86) p-Isopropyltoluene	13.619	119	540447	48.765	ug/l	100
87) 1,3-Dichlorobenzene	13.619	146	267067	50.745	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	258521	49.493	ug/l	99
89) n-Butylbenzene	13.943	91	404544	43.847	ug/l	100
90) Hexachloroethane	14.214	117	104497	44.886	ug/l	99
91) 1,2-Dichlorobenzene	13.991	146	264592	51.755	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.606	75	43357	56.553	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	109243	39.901	ug/l	99
94) Hexachlorobutadiene	15.373	225	58524	40.202	ug/l	99
95) Naphthalene	15.507	128	340452	44.806	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	110350	42.185	ug/l	99

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

