

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111821\
 Data File : VN069546.D
 Acq On : 18 Nov 2021 12:12
 Operator : JC/MD
 Sample : VN1118WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 19 03:17:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 18:18:22 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/19/2021
 Supervised By : Semsettin Yesilyurt 11/19/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1044020	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1684337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1541872	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	647772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	784168	51.802	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.600%			
35) Dibromofluoromethane	8.021	113	544985	53.949	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.900%			
50) Toluene-d8	10.443	98	2097532	52.794	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.580%			
62) 4-Bromofluorobenzene	12.731	95	741420	50.798	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	202148	18.124	ug/l	99
3) Chloromethane	2.303	50	227283	17.571	ug/l	100
4) Vinyl Chloride	2.446	62	224751	17.353	ug/l	98
5) Bromomethane	2.853	94	141015	16.764	ug/l	99
6) Chloroethane	3.019	64	147945	16.923	ug/l	99
7) Trichlorofluoromethane	3.374	101	343981	17.184	ug/l	99
8) Diethyl Ether	3.824	74	125083	19.314	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.208	101	187249	19.858	ug/l	95
10) Methyl Iodide	4.417	142	216832	18.748	ug/l	98
11) Tert butyl alcohol	5.382	59	239955	87.968	ug/l	99
12) 1,1-Dichloroethene	4.178	96	159202	18.814	ug/l	92
13) Acrolein	4.039	56	45922	115.323	ug/l	93
14) Allyl chloride	4.841	41	347099	18.553	ug/l	96
15) Acrylonitrile	5.557	53	702683	100.594	ug/l	99
16) Acetone	4.291	43	873975	107.007	ug/l	98
17) Carbon Disulfide	4.527	76	294239	14.711	ug/l	99
18) Methyl Acetate	4.859	43	513048	19.324	ug/l	94
19) Methyl tert-butyl Ether	5.618	73	704302	19.667	ug/l	93
20) Methylene Chloride	5.093	84	218241	18.844	ug/l #	87
21) trans-1,2-Dichloroethene	5.591	96	174669	18.481	ug/l	91
22) Diisopropyl ether	6.498	45	800261	19.858	ug/l	97
23) Vinyl Acetate	6.436	43	3057377	98.090	ug/l	95
24) 1,1-Dichloroethane	6.385	63	400777	19.525	ug/l	100
25) 2-Butanone	7.340	43	1126163	101.829	ug/l	92
26) 2,2-Dichloropropane	7.324	77	296821	18.482	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	228177	19.476	ug/l	89
28) Bromochloromethane	7.659	49	225724	21.474	ug/l #	80
29) Tetrahydrofuran	7.689	42	681379	100.396	ug/l	90
30) Chloroform	7.818	83	421239	20.018	ug/l	99
31) Cyclohexane	8.096	56	369006	17.843	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	338910	19.295	ug/l	95
36) 1,1-Dichloropropene	8.223	75	282814	19.955	ug/l	96
37) Ethyl Acetate	7.415	43	407416	21.266	ug/l	96
38) Carbon Tetrachloride	8.206	117	269930	19.728	ug/l	98
39) Methylcyclohexane	9.459	83	330902	18.769	ug/l	91
40) Benzene	8.461	78	883599	20.198	ug/l	98

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41) Methacrylonitrile	7.641	41	200063	20.210	ug/l	90
42) 1,2-Dichloroethane	8.531	62	361917	21.129	ug/l	97
43) Isopropyl Acetate	8.563	43	632761	20.563	ug/l #	94
44) Trichloroethene	9.218	130	212239	20.272	ug/l	92
45) 1,2-Dichloropropane	9.491	63	243502	20.834	ug/l	98
46) Dibromomethane	9.577	93	157989	20.181	ug/l	92
47) Bromodichloromethane	9.762	83	302723	20.722	ug/l	99
48) Methyl methacrylate	9.561	41	288517	19.928	ug/l	91
49) 1,4-Dioxane	9.572	88	109256	404.979	ug/l #	86
51) 4-Methyl-2-Pentanone	10.333	43	2148103	108.147	ug/l	95
52) Toluene	10.505	92	555160	20.371	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	299555	18.435	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	333045	18.719	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	233092	21.217	ug/l	99
56) Ethyl methacrylate	10.762	69	366685	19.037	ug/l	86
57) 1,3-Dichloropropane	11.044	76	401296	20.788	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	364902	85.074	ug/l	93
59) 2-Hexanone	11.087	43	1583905	99.385	ug/l	92
60) Dibromochloromethane	11.240	129	205763	18.657	ug/l	100
61) 1,2-Dibromoethane	11.347	107	232355	19.614	ug/l	98
64) Tetrachloroethene	10.980	164	194346	20.875	ug/l	96
65) Chlorobenzene	11.771	112	595073	20.735	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	213634	21.461	ug/l	98
67) Ethyl Benzene	11.846	91	1081752	20.437	ug/l	97
68) m/p-Xylenes	11.953	106	791707	40.668	ug/l	93
69) o-Xylene	12.283	106	396801	20.446	ug/l	93
70) Styrene	12.294	104	635303	19.198	ug/l	97
71) Bromoform	12.460	173	138294	18.331	ug/l #	99
73) Isopropylbenzene	12.578	105	1050080	20.360	ug/l	98
74) N-amyl acetate	12.390	43	431779	19.754	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	372925	21.438	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	331975m	22.207	ug/l	
77) Bromobenzene	12.862	156	240584	20.396	ug/l	79
78) n-propylbenzene	12.921	91	1192406	20.546	ug/l	96
79) 2-Chlorotoluene	13.010	91	736647	20.500	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	858023	20.578	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	74232	18.858	ug/l #	82
82) 4-Chlorotoluene	13.106	91	697398	20.359	ug/l	93
83) tert-Butylbenzene	13.324	119	764851	20.933	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	836149	20.773	ug/l	98
85) sec-Butylbenzene	13.503	105	1054288	20.656	ug/l	97
86) p-Isopropyltoluene	13.616	119	831095	20.512	ug/l	97
87) 1,3-Dichlorobenzene	13.616	146	417832	20.431	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	403968	20.136	ug/l	96
89) n-Butylbenzene	13.943	91	646722	19.140	ug/l	98
90) Hexachloroethane	14.211	117	129394	18.785	ug/l	83
91) 1,2-Dichlorobenzene	13.989	146	407667	20.949	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.606	75	58339	19.187	ug/l	81
93) 1,2,4-Trichlorobenzene	15.265	180	178777	19.555	ug/l	96
94) Hexachlorobutadiene	15.373	225	109594	21.675	ug/l	100
95) Naphthalene	15.507	128	453721	18.825	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	170745	19.571	ug/l	99

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

