

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070162.D
 Acq On : 17 Dec 2021 14:16
 Operator : JC/MD
 Sample : VN1217WBS02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/18/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 18 05:45:01 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	975507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1608168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1473098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	607428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	794078	52.721	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.440%			
35) Dibromofluoromethane	8.021	113	535275	53.138	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.280%			
50) Toluene-d8	10.443	98	2078142	51.379	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.760%			
62) 4-Bromofluorobenzene	12.733	95	750121	51.192	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.380%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	166796	14.660	ug/l	98
3) Chloromethane	2.303	50	210226	14.748	ug/l	97
4) Vinyl Chloride	2.443	62	197565	15.073	ug/l	100
5) Bromomethane	2.850	94	111423	15.648	ug/l	99
6) Chloroethane	3.017	64	121903	15.178	ug/l	99
7) Trichlorofluoromethane	3.371	101	259728	15.099	ug/l	97
8) Diethyl Ether	3.821	74	116547	17.591	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.199	101	163139	16.918	ug/l	96
10) Methyl Iodide	4.417	142	204630	15.534	ug/l	99
11) Tert butyl alcohol	5.393	59	253575	89.066	ug/l	100
12) 1,1-Dichloroethene	4.175	96	151958	16.353	ug/l	87
13) Acrolein	4.038	56	243673	100.504	ug/l	100
14) Allyl chloride	4.838	41	359358	17.163	ug/l #	90
15) Acrylonitrile	5.556	53	698414	91.037	ug/l	100
16) Acetone	4.291	43	752083	83.008	ug/l	98
17) Carbon Disulfide	4.524	76	328270	13.674	ug/l	99
18) Methyl Acetate	4.859	43	487839	17.838	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	658210	18.218	ug/l	96
20) Methylene Chloride	5.092	84	203421	16.889	ug/l #	86
21) trans-1,2-Dichloroethene	5.594	96	161186	15.971	ug/l	86
22) Diisopropyl ether	6.500	45	772859	18.885	ug/l	96
23) Vinyl Acetate	6.436	43	3003635	90.212	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	376797	17.774	ug/l	98
25) 2-Butanone	7.340	43	1114201	90.509	ug/l	91
26) 2,2-Dichloropropane	7.327	77	293765	17.822	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	207093	16.983	ug/l	84
28) Bromochloromethane	7.659	49	193851	17.584	ug/l #	77
29) Tetrahydrofuran	7.689	42	696473	93.171	ug/l	87
30) Chloroform	7.820	83	377523	17.633	ug/l	99
31) Cyclohexane	8.094	56	345932	16.504	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	310174	17.007	ug/l	96
36) 1,1-Dichloropropene	8.222	75	259218	16.932	ug/l	95
37) Ethyl Acetate	7.415	43	399510	17.533	ug/l	96
38) Carbon Tetrachloride	8.206	117	244884	16.312	ug/l	98
39) Methylcyclohexane	9.461	83	292007	16.036	ug/l	89
40) Benzene	8.458	78	806805	17.241	ug/l	99

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41) Methacrylonitrile	7.640	41	211202	19.745	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	326728	17.296	ug/l	97
43) Isopropyl Acetate	8.563	43	607432	18.014	ug/l #	94
44) Trichloroethene	9.217	130	188672	16.893	ug/l	93
45) 1,2-Dichloropropane	9.491	63	226182	17.999	ug/l	97
46) Dibromomethane	9.577	93	142639	17.308	ug/l	93
47) Bromodichloromethane	9.762	83	271491	17.399	ug/l	100
48) Methyl methacrylate	9.561	41	280397	17.819	ug/l	87
49) 1,4-Dioxane	9.571	88	103089	365.107	ug/l #	86
51) 4-Methyl-2-Pentanone	10.333	43	2094282	95.740	ug/l	95
52) Toluene	10.505	92	493041	17.258	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	285049	17.132	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	313970	17.300	ug/l	92
55) 1,1,2-Trichloroethane	10.899	97	206750	17.936	ug/l	97
56) Ethyl methacrylate	10.762	69	341170	17.250	ug/l #	87
57) 1,3-Dichloropropane	11.046	76	364088	17.938	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	817213	147.293	ug/l	91
59) 2-Hexanone	11.087	43	1555146	93.981	ug/l	93
60) Dibromochloromethane	11.240	129	182959	16.486	ug/l	99
61) 1,2-Dibromoethane	11.347	107	202709	16.978	ug/l	99
64) Tetrachloroethene	10.979	164	176902	17.710	ug/l	95
65) Chlorobenzene	11.771	112	517048	17.301	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	185688	17.653	ug/l	99
67) Ethyl Benzene	11.846	91	953609	17.567	ug/l	94
68) m/p-Xylenes	11.953	106	695282	35.176	ug/l	92
69) o-Xylene	12.280	106	350037	17.582	ug/l	92
70) Styrene	12.296	104	562300	17.811	ug/l	95
71) Bromoform	12.457	173	129289	16.317	ug/l #	99
73) Isopropylbenzene	12.578	105	921692	17.054	ug/l	98
74) N-amyl acetate	12.387	43	432429	18.093	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	325864	17.437	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	311467m	17.880	ug/l	
77) Bromobenzene	12.862	156	213187	16.794	ug/l	75
78) n-propylbenzene	12.921	91	1036602	17.237	ug/l	96
79) 2-Chlorotoluene	13.007	91	650148	17.109	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	744536	17.116	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	77507	17.440	ug/l	86
82) 4-Chlorotoluene	13.106	91	611152	17.102	ug/l	93
83) tert-Butylbenzene	13.323	119	653945	16.978	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	717302	17.315	ug/l	97
85) sec-Butylbenzene	13.503	105	898985	17.207	ug/l	97
86) p-Isopropyltoluene	13.616	119	711330	17.418	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	359012	17.215	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	348021	16.981	ug/l	95
89) n-Butylbenzene	13.943	91	567725	17.138	ug/l	98
90) Hexachloroethane	14.211	117	107569	15.003	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	355725	17.506	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	59042	17.483	ug/l	77
93) 1,2,4-Trichlorobenzene	15.265	180	170301	18.983	ug/l	98
94) Hexachlorobutadiene	15.370	225	101419	18.833	ug/l	98
95) Naphthalene	15.507	128	592564	22.356	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	172760	19.356	ug/l	98

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

