

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081621\
 Data File : VN068107.D
 Acq On : 16 Aug 2021 11:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 17 07:08:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 29 15:02:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	327389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	594378	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	608677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	300889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	243205	52.474	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 104.940%	
35) Dibromofluoromethane	8.024	113	186896	53.955	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 107.900%	
50) Toluene-d8	10.443	98	785241	49.187	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.380%	
62) 4-Bromofluorobenzene	12.733	95	305907	52.052	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 104.100%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	122445	36.501	ug/l	99
3) Chloromethane	2.301	50	151381	36.328	ug/l	99
4) Vinyl Chloride	2.443	62	263400	40.513	ug/l	97
5) Bromomethane	2.821	94	248743	42.928	ug/l	99
6) Chloroethane	3.001	64	217840	43.212	ug/l	98
7) Trichlorofluoromethane	3.363	101	555106	47.117	ug/l	100
8) Diethyl Ether	3.819	74	93985	41.982	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.197	101	153961	45.333	ug/l	99
10) Methyl Iodide	4.414	142	171325	39.328	ug/l	93
11) Tert butyl alcohol	5.385	59	150845	242.914	ug/l #	82
12) 1,1-Dichloroethene	4.170	96	132810	42.781	ug/l	88
13) Acrolein	4.036	56	106383	252.437	ug/l	99
14) Allyl chloride	4.830	41	249084	47.246	ug/l	96
15) Acrylonitrile	5.556	53	449283	258.138	ug/l	99
16) Acetone	4.285	43	577360	341.411	ug/l	95
17) Carbon Disulfide	4.516	76	316592	35.164	ug/l	99
18) Methyl Acetate	4.848	43	209550	51.541	ug/l	97
19) Methyl tert-butyl Ether	5.618	73	598313	51.343	ug/l	100
20) Methylene Chloride	5.087	84	184937	47.345	ug/l	93
21) trans-1,2-Dichloroethene	5.591	96	162642	45.045	ug/l	90
22) Diisopropyl ether	6.498	45	620650	53.032	ug/l	94
23) Vinyl Acetate	6.431	43	2512405m	228.054	ug/l	
24) 1,1-Dichloroethane	6.385	63	339036	50.092	ug/l	100
25) 2-Butanone	7.335	43	724769	295.411	ug/l	95
26) 2,2-Dichloropropane	7.324	77	311138	52.561	ug/l	95
27) cis-1,2-Dichloroethene	7.321	96	211840	49.353	ug/l	88
28) Bromochloromethane	7.656	49	171433	53.106	ug/l	87
29) Tetrahydrofuran	7.686	42	404062	257.188	ug/l	93
30) Chloroform	7.815	83	386468	51.557	ug/l	98
31) Cyclohexane	8.094	56	287282	42.019	ug/l	94
32) 1,1,1-Trichloroethane	8.013	97	340012	52.513	ug/l	98
36) 1,1-Dichloropropene	8.220	75	262309	47.711	ug/l	96
37) Ethyl Acetate	7.415	43	251186	48.545	ug/l	98
38) Carbon Tetrachloride	8.204	117	286711	53.027	ug/l	99
39) Methylcyclohexane	9.459	83	296171	49.847	ug/l	92
40) Benzene	8.458	78	810125	49.773	ug/l	97

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41) Methacrylonitrile	7.638	41	132158	53.616	ug/l	94
42) 1,2-Dichloroethane	8.531	62	308688	51.348	ug/l	96
43) Isopropyl Acetate	8.563	43	449306	52.110	ug/l	96
44) Trichloroethene	9.217	130	200931	48.806	ug/l	86
45) 1,2-Dichloropropane	9.488	63	214241	52.828	ug/l	99
46) Dibromomethane	9.577	93	151994	51.839	ug/l	97
47) Bromodichloromethane	9.765	83	317032	56.734	ug/l	95
48) Methyl methacrylate	9.561	41	200750	46.849	ug/l	92
49) 1,4-Dioxane	9.569	88	72980	1064.110	ug/l	93
51) 4-Methyl-2-Pentanone	10.333	43	1473507	235.281	ug/l	96
52) Toluene	10.507	92	584505	55.266	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	345878	48.779	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	355842	48.453	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	226136	55.150	ug/l	97
56) Ethyl methacrylate	10.762	69	342131	46.628	ug/l	90
57) 1,3-Dichloropropane	11.044	76	371729	55.597	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	247828	179.735	ug/l	95
59) 2-Hexanone	11.087	43	1142726	254.895	ug/l	94
60) Dibromochloromethane	11.240	129	248490	48.622	ug/l	100
61) 1,2-Dibromoethane	11.347	107	234360	55.654	ug/l	99
64) Tetrachloroethene	10.979	164	205908	47.233	ug/l	96
65) Chlorobenzene	11.771	112	631531	51.012	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	235284	47.240	ug/l	99
67) Ethyl Benzene	11.846	91	1204268	54.626	ug/l	96
68) m/p-Xylenes	11.956	106	955385	99.230	ug/l	85
69) o-Xylene	12.283	106	464382	57.297	ug/l	85
70) Styrene	12.296	104	781799	48.969	ug/l	93
71) Bromoform	12.460	173	178518	46.217	ug/l #	100
73) Isopropylbenzene	12.581	105	1238517	50.451	ug/l	99
74) N-amyl acetate	12.387	43	396255	46.439	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	350678	47.273	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	285910m	47.315	ug/l	
77) Bromobenzene	12.862	156	265899	47.174	ug/l	78
78) n-propylbenzene	12.921	91	1429360	51.596	ug/l	95
79) 2-Chlorotoluene	13.010	91	844534	50.020	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1035750	52.054	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	99632	46.063	ug/l	94
82) 4-Chlorotoluene	13.106	91	854618	50.416	ug/l	92
83) tert-Butylbenzene	13.326	119	875424	52.912	ug/l	89
84) 1,2,4-Trimethylbenzene	13.372	105	1022137	53.020	ug/l	93
85) sec-Butylbenzene	13.503	105	1224639	52.917	ug/l	96
86) p-Isopropyltoluene	13.618	119	1003871	54.522	ug/l	93
87) 1,3-Dichlorobenzene	13.616	146	509180	49.182	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	505895	49.482	ug/l	95
89) n-Butylbenzene	13.943	91	810227	51.319	ug/l	98
90) Hexachloroethane	14.214	117	183842	58.376	ug/l	96
91) 1,2-Dichlorobenzene	13.991	146	481808	49.423	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	58237	49.171	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	185149	42.758	ug/l	99
94) Hexachlorobutadiene	15.373	225	97143	47.955	ug/l	96
95) Naphthalene	15.507	128	483604	39.267	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	170089	41.566	ug/l	99

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

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