

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061121\
 Data File : VN067279.D
 Acq On : 11 Jun 2021 10:08
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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6/14/2021 4:10:12 PM

Quant Time: Jun 12 04:22:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061021W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 11 05:27:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	389497	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	695197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	638685	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	286425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	339915	46.172	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	92.340%		
35) Dibromofluoromethane	8.024	113	221421	49.982	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.960%		
50) Toluene-d8	10.443	98	850208	48.836	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.680%		
62) 4-Bromofluorobenzene	12.733	95	361965	49.963	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.920%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	226864	46.802	ug/l	98
3) Chloromethane	2.301	50	260216	41.880	ug/l	97
4) Vinyl Chloride	2.443	62	262284	43.642	ug/l	99
5) Bromomethane	2.845	94	136158	50.008	ug/l	99
6) Chloroethane	3.014	64	157247	44.556	ug/l	100
7) Trichlorofluoromethane	3.371	101	361664	47.565	ug/l	98
8) Diethyl Ether	3.819	74	147127	45.000	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	217487	49.329	ug/l #	84
10) Methyl Iodide	4.417	142	244113	51.081	ug/l #	80
11) Tert butyl alcohol	5.385	59	265014	211.523	ug/l #	80
12) 1,1-Dichloroethene	4.173	96	199267	46.755	ug/l #	81
13) Acrolein	4.039	56	102668	204.241	ug/l	95
14) Allyl chloride	4.832	41	454541	43.935	ug/l #	84
15) Acrylonitrile	5.554	53	571312	210.746	ug/l	99
16) Acetone	4.288	43	756202	254.389	ug/l	88
17) Carbon Disulfide	4.521	76	545430	43.773	ug/l	99
18) Methyl Acetate	4.854	43	356090	43.035	ug/l #	89
19) Methyl tert-butyl Ether	5.621	73	790090	46.407	ug/l	99
20) Methylene Chloride	5.093	84	244570	45.868	ug/l #	81
21) trans-1,2-Dichloroethene	5.591	96	218057	47.178	ug/l #	83
22) Diisopropyl ether	6.498	45	816332	44.014	ug/l #	91
23) Vinyl Acetate	6.434	43	3859534	217.704	ug/l #	93
24) 1,1-Dichloroethane	6.385	63	475608	45.173	ug/l	97
25) 2-Butanone	7.340	43	981443	216.411	ug/l #	86
26) 2,2-Dichloropropane	7.324	77	499406	49.333	ug/l	91
27) cis-1,2-Dichloroethene	7.324	96	268931	47.646	ug/l	81
28) Bromochloromethane	7.656	49	235788	45.829	ug/l #	67
29) Tetrahydrofuran	7.689	42	529965	207.259	ug/l #	86
30) Chloroform	7.820	83	503227	48.141	ug/l	98
31) Cyclohexane	8.094	56	377414	41.664	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	470801	48.927	ug/l #	94
36) 1,1-Dichloropropene	8.222	75	360933	49.018	ug/l	94
37) Ethyl Acetate	7.415	43	380825	46.062	ug/l #	93
38) Carbon Tetrachloride	8.206	117	407347	53.055	ug/l	99
39) Methylcyclohexane	9.459	83	374191	48.250	ug/l	89
40) Benzene	8.458	78	1017752	48.359	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	204337	45.676	ug/l #	78
42) 1,2-Dichloroethane	8.531	62	440250	50.747	ug/l	92
43) Isopropyl Acetate	8.563	43	700579	45.822	ug/l #	91
44) Trichloroethene	9.217	130	253513	52.199	ug/l	75
45) 1,2-Dichloropropane	9.491	63	283488	47.792	ug/l	100
46) Dibromomethane	9.577	93	190721	50.619	ug/l #	80
47) Bromodichloromethane	9.762	83	432125	51.396	ug/l	98
48) Methyl methacrylate	9.563	41	324323	45.507	ug/l #	78
49) 1,4-Dioxane	9.571	88	78077	907.987	ug/l #	78
51) 4-Methyl-2-Pentanone	10.333	43	2038110	224.020	ug/l	88
52) Toluene	10.507	92	659262	49.753	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	485068	49.521	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	491150	49.219	ug/l #	77
55) 1,1,2-Trichloroethane	10.902	97	258019	50.826	ug/l	98
56) Ethyl methacrylate	10.762	69	440434	46.857	ug/l #	71
57) 1,3-Dichloropropane	11.047	76	461345	49.065	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	470630	201.015	ug/l	92
59) 2-Hexanone	11.089	43	1498577	228.125	ug/l	86
60) Dibromochloromethane	11.240	129	299767	51.242	ug/l	98
61) 1,2-Dibromoethane	11.347	107	263277	50.375	ug/l	100
64) Tetrachloroethene	10.979	164	241921	54.874	ug/l	91
65) Chlorobenzene	11.773	112	690256	50.796	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	268847	51.779	ug/l	98
67) Ethyl Benzene	11.848	91	1345126	50.500	ug/l	95
68) m/p-Xylenes	11.956	106	971941	101.362	ug/l	83
69) o-Xylene	12.283	106	468696	49.836	ug/l	81
70) Styrene	12.296	104	788680	50.094	ug/l #	90
71) Bromoform	12.460	173	207549	54.077	ug/l #	99
73) Isopropylbenzene	12.581	105	1280718	47.469	ug/l	96
74) N-amyl acetate	12.390	43	585722	44.152	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.830	83	369898	46.037	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	360661m	47.400	ug/l	
77) Bromobenzene	12.862	156	267584	49.881	ug/l #	59
78) n-propylbenzene	12.921	91	1529099	48.560	ug/l	92
79) 2-Chlorotoluene	13.106	91	944085	48.825	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	1109311	48.134	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	134439	45.198	ug/l #	78
82) 4-Chlorotoluene	13.010	91	930523	48.796	ug/l	91
83) tert-Butylbenzene	13.326	119	919220	48.494	ug/l	83
84) 1,2,4-Trimethylbenzene	13.369	105	1103998	48.909	ug/l	92
85) sec-Butylbenzene	13.503	105	1251115	47.297	ug/l	95
86) p-Isopropyltoluene	13.618	119	1083483	48.395	ug/l	91
87) 1,3-Dichlorobenzene	13.616	146	490971	50.192	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	491799	51.154	ug/l	94
89) n-Butylbenzene	13.943	91	998507	48.460	ug/l	95
90) Hexachloroethane	14.211	117	196011	48.257	ug/l	78
91) 1,2-Dichlorobenzene	13.991	146	473028	50.936	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.603	75	87057	44.948	ug/l	61
93) 1,2,4-Trichlorobenzene	15.265	180	264552	55.380	ug/l	96
94) Hexachlorobutadiene	15.373	225	159921	57.333	ug/l	99
95) Naphthalene	15.507	128	667195	43.265	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	240096	54.224	ug/l	96

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

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