

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
 Data File : VN067651.D
 Acq On : 7 Jul 2021 22:26
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 6:04:59 PM

Quant Time: Jul 08 06:12:04 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	436099	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	815288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	823017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	438553	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	322243	48.893	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.780%		
35) Dibromofluoromethane	8.024	113	243966	49.528	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.060%		
50) Toluene-d8	10.443	98	1047151	50.788	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.580%		
62) 4-Bromofluorobenzene	12.734	95	402828	55.307	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	110.620%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	181589	48.989	ug/l	99
3) Chloromethane	2.301	50	265644	45.247	ug/l	97
4) Vinyl Chloride	2.440	62	408414	46.094	ug/l	98
5) Bromomethane	2.840	94	319468	53.359	ug/l	99
6) Chloroethane	3.009	64	305038	51.168	ug/l	99
7) Trichlorofluoromethane	3.368	101	732048	54.647	ug/l	98
8) Diethyl Ether	3.816	74	199165	56.465	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.197	101	195095	48.271	ug/l	97
10) Methyl Iodide	4.414	142	258690	53.730	ug/l	93
11) Tert butyl alcohol	5.390	59	230922	243.821	ug/l	99
12) 1,1-Dichloroethene	4.173	96	188522	48.617	ug/l	90
13) Acrolein	4.039	56	106261	229.814	ug/l	99
14) Allyl chloride	4.832	41	344481	48.328	ug/l	94
15) Acrylonitrile	5.557	53	605616	257.810	ug/l	99
16) Acetone	4.288	43	479927	231.418	ug/l	95
17) Carbon Disulfide	4.521	76	527981	49.155	ug/l	99
18) Methyl Acetate	4.857	43	275647	47.321	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	821355	51.115	ug/l	99
20) Methylene Chloride	5.095	84	246882	51.009	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	233644	50.963	ug/l	90
22) Diisopropyl ether	6.501	45	856630	52.960	ug/l	96
23) Vinyl Acetate	6.436	43	3651652	264.065	ug/l #	95
24) 1,1-Dichloroethane	6.385	63	450802	49.994	ug/l	99
25) 2-Butanone	7.340	43	882097	256.147	ug/l	94
26) 2,2-Dichloropropane	7.327	77	345792	43.881	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	292886	51.050	ug/l	85
28) Bromochloromethane	7.659	49	208693	47.429	ug/l #	79
29) Tetrahydrofuran	7.689	42	589149	260.151	ug/l	91
30) Chloroform	7.817	83	518300	51.172	ug/l	99
31) Cyclohexane	8.094	56	427584	46.269	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	462542	52.666	ug/l	98
36) 1,1-Dichloropropene	8.222	75	384188	50.730	ug/l	96
37) Ethyl Acetate	7.418	43	368433	50.210	ug/l	98
38) Carbon Tetrachloride	8.206	117	395113	52.892	ug/l	99
39) Methylcyclohexane	9.461	83	422784	50.995	ug/l	92
40) Benzene	8.461	78	1149099	50.690	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	189749	50.314	ug/l	94
42) 1,2-Dichloroethane	8.531	62	419983	49.888	ug/l	96
43) Isopropyl Acetate	8.563	43	656238	50.841	ug/l	96
44) Trichloroethene	9.217	130	292430	50.830	ug/l	89
45) 1,2-Dichloropropane	9.491	63	292446	50.954	ug/l	100
46) Dibromomethane	9.580	93	210253	51.628	ug/l	95
47) Bromodichloromethane	9.765	83	414520	52.065	ug/l	99
48) Methyl methacrylate	9.561	41	285182	49.954	ug/l	90
49) 1,4-Dioxane	9.571	88	111177	979.513	ug/l	89
51) 4-Methyl-2-Pentanone	10.333	43	2080873	262.412	ug/l	95
52) Toluene	10.507	92	797567	53.710	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	464584	49.005	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	467418	52.792	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	306034	53.777	ug/l	98
56) Ethyl methacrylate	10.762	69	489808	55.868	ug/l	90
57) 1,3-Dichloropropane	11.047	76	508059	52.064	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	586920	250.968	ug/l	93
59) 2-Hexanone	11.087	43	1514760	273.664	ug/l	93
60) Dibromochloromethane	11.240	129	333750	47.890	ug/l	99
61) 1,2-Dibromoethane	11.350	107	324379	55.832	ug/l	99
64) Tetrachloroethene	10.980	164	286312	49.283	ug/l	96
65) Chlorobenzene	11.773	112	863954	51.111	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	321546	54.080	ug/l	100
67) Ethyl Benzene	11.848	91	1601511	52.044	ug/l	96
68) m/p-Xylenes	11.956	106	1253575	107.708	ug/l	86
69) o-Xylene	12.283	106	613444	53.609	ug/l	87
70) Styrene	12.296	104	1042784	56.968	ug/l	93
71) Bromoform	12.460	173	250560	47.666	ug/l #	98
73) Isopropylbenzene	12.581	105	1606257	45.394	ug/l	96
74) N-amyl acetate	12.390	43	604224	47.069	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	471785	45.941	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	399323m	44.587	ug/l	
77) Bromobenzene	12.865	156	386652	49.371	ug/l	72
78) n-propylbenzene	12.924	91	1843241	46.058	ug/l	94
79) 2-Chlorotoluene	13.010	91	1115428	46.133	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	1353474	47.207	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.629	75	131940	47.497	ug/l	92
82) 4-Chlorotoluene	13.106	91	1105757	46.217	ug/l	89
83) tert-Butylbenzene	13.326	119	1167321	47.741	ug/l	86
84) 1,2,4-Trimethylbenzene	13.372	105	1352749	48.153	ug/l	93
85) sec-Butylbenzene	13.506	105	1583026	46.781	ug/l	94
86) p-Isopropyltoluene	13.619	119	1338986	49.034	ug/l	92
87) 1,3-Dichlorobenzene	13.619	146	722416	49.724	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	716090	48.141	ug/l	95
89) n-Butylbenzene	13.946	91	1077487	46.003	ug/l	97
90) Hexachloroethane	14.214	117	227801	50.229	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	695166	49.569	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	87177	48.877	ug/l	61
93) 1,2,4-Trichlorobenzene	15.265	180	329082	45.310	ug/l	99
94) Hexachlorobutadiene	15.373	225	149732	50.810	ug/l	100
95) Naphthalene	15.509	128	1017091	47.526	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	319251	45.822	ug/l	97

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

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