

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070821\
 Data File : VN067653.D
 Acq On : 8 Jul 2021 10:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 5:43:30 PM

Quant Time: Jul 08 15:49:31 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	8.088	168	480603	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	850042	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	827370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	412729	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	338622	46.620	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.240%		
35) Dibromofluoromethane	8.021	113	257777	50.193	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.380%		
50) Toluene-d8	10.443	98	1078334	50.162	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.320%		
62) 4-Bromofluorobenzene	12.734	95	391127	51.505	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.020%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	228052	55.827	ug/l	100
3) Chloromethane	2.301	50	285545	44.133	ug/l	99
4) Vinyl Chloride	2.443	62	411436	42.135	ug/l	98
5) Bromomethane	2.842	94	316291	47.383	ug/l	97
6) Chloroethane	3.011	64	302445	44.984	ug/l	98
7) Trichlorofluoromethane	3.368	101	748041	50.409	ug/l	99
8) Diethyl Ether	3.816	74	167119	42.993	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.197	101	217767	48.891	ug/l	96
10) Methyl Iodide	4.414	142	284837	53.682	ug/l	93
11) Tert butyl alcohol	5.385	59	229430	219.814	ug/l	100
12) 1,1-Dichloroethene	4.170	96	203852	47.703	ug/l	90
13) Acrolein	4.036	56	131839	259.261	ug/l	98
14) Allyl chloride	4.833	41	377449	48.049	ug/l	95
15) Acrylonitrile	5.557	53	669360	258.559	ug/l	100
16) Acetone	4.288	43	562055	245.923	ug/l	95
17) Carbon Disulfide	4.521	76	580301	49.023	ug/l	99
18) Methyl Acetate	4.857	43	295722	46.067	ug/l	95
19) Methyl tert-butyl Ether	5.618	73	907947	51.272	ug/l	99
20) Methylene Chloride	5.093	84	266872	50.020	ug/l	91
21) trans-1,2-Dichloroethene	5.594	96	255919	50.652	ug/l	90
22) Diisopropyl ether	6.501	45	912406	51.185	ug/l	97
23) Vinyl Acetate	6.436	43	3959841	259.835	ug/l	95
24) 1,1-Dichloroethane	6.385	63	488261	49.134	ug/l	99
25) 2-Butanone	7.340	43	947569	249.680	ug/l	94
26) 2,2-Dichloropropane	7.327	77	446434	51.406	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	319122	50.472	ug/l	85
28) Bromochloromethane	7.657	49	225338	46.470	ug/l #	79
29) Tetrahydrofuran	7.689	42	616465	247.006	ug/l	91
30) Chloroform	7.818	83	548170	49.110	ug/l	100
31) Cyclohexane	8.096	56	449691	44.155	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	476846	49.267	ug/l	96
36) 1,1-Dichloropropene	8.223	75	406032	51.422	ug/l	96
37) Ethyl Acetate	7.415	43	399972	52.279	ug/l	99
38) Carbon Tetrachloride	8.206	117	415773	53.382	ug/l	97
39) Methylcyclohexane	9.462	83	459737	53.185	ug/l	90
40) Benzene	8.461	78	1214574	51.388	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	201447	51.232	ug/l	93
42) 1,2-Dichloroethane	8.531	62	446939	50.920	ug/l	96
43) Isopropyl Acetate	8.566	43	695326	51.667	ug/l	95
44) Trichloroethene	9.218	130	310869	51.826	ug/l	86
45) 1,2-Dichloropropane	9.491	63	304922	50.955	ug/l	100
46) Dibromomethane	9.580	93	223617	52.664	ug/l	94
47) Bromodichloromethane	9.762	83	440865	53.110	ug/l	99
48) Methyl methacrylate	9.563	41	301833	50.709	ug/l	89
49) 1,4-Dioxane	9.572	88	106120	899.449	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	2156098	260.782	ug/l	94
52) Toluene	10.508	92	821366	53.051	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	492270	49.774	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	505863	54.798	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	321850	54.244	ug/l	96
56) Ethyl methacrylate	10.765	69	513228	56.146	ug/l	89
57) 1,3-Dichloropropane	11.047	76	536389	52.720	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	531713	220.296	ug/l	93
59) 2-Hexanone	11.087	43	1541609	267.128	ug/l	92
60) Dibromochloromethane	11.240	129	349447	48.082	ug/l	100
61) 1,2-Dibromoethane	11.347	107	335402	55.369	ug/l	100
64) Tetrachloroethene	10.980	164	306307	52.447	ug/l	96
65) Chlorobenzene	11.773	112	888167	52.267	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	334093	55.894	ug/l	100
67) Ethyl Benzene	11.849	91	1623007	52.465	ug/l	96
68) m/p-Xylenes	11.956	106	1259586	107.655	ug/l	86
69) o-Xylene	12.283	106	610252	53.049	ug/l	88
70) Styrene	12.296	104	1037911	56.404	ug/l	93
71) Bromoform	12.463	173	253252	47.907	ug/l #	99
73) Isopropylbenzene	12.581	105	1610982	48.377	ug/l	96
74) N-amyl acetate	12.390	43	587305	48.614	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.830	83	461095	47.709	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	370025m	43.901	ug/l	
77) Bromobenzene	12.862	156	381389	51.746	ug/l	72
78) n-propylbenzene	12.924	91	1833676	48.685	ug/l	94
79) 2-Chlorotoluene	13.010	91	1088674	47.844	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	1343826	49.804	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.629	75	138570	53.005	ug/l	92
82) 4-Chlorotoluene	13.106	91	1097383	48.736	ug/l	90
83) tert-Butylbenzene	13.326	119	1147095	49.849	ug/l	87
84) 1,2,4-Trimethylbenzene	13.369	105	1328231	50.238	ug/l	92
85) sec-Butylbenzene	13.506	105	1567323	49.215	ug/l	94
86) p-Isopropyltoluene	13.619	119	1328700	51.702	ug/l	92
87) 1,3-Dichlorobenzene	13.619	146	715174	52.305	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	704693	50.339	ug/l	94
89) n-Butylbenzene	13.946	91	1111965	50.445	ug/l	97
90) Hexachloroethane	14.214	117	219427	51.409	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	688274	52.148	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.606	75	84405	50.284	ug/l	63
93) 1,2,4-Trichlorobenzene	15.265	180	323131	47.159	ug/l	99
94) Hexachlorobutadiene	15.373	225	145627	52.509	ug/l	98
95) Naphthalene	15.509	128	949408	47.164	ug/l	100
96) 1,2,3-Trichlorobenzene	15.703	180	305691	46.575	ug/l	98

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

