

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
 Data File : VN067635.D
 Acq On : 7 Jul 2021 15:21
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 7/8/2021 6:03:02 PM

Quant Time: Jul 07 15:46:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 15:42:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	454076	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	831801	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	840395	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	437186	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	324300	47.936	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.880%		
35) Dibromofluoromethane	8.021	113	248954	48.355	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.700%		
50) Toluene-d8	10.443	98	1066600	49.175	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.360%		
62) 4-Bromofluorobenzene	12.733	95	396387	51.124	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	192409	40.621	ug/l	98
3) Chloromethane	2.301	50	277512	45.404	ug/l	98
4) Vinyl Chloride	2.440	62	428313	45.517	ug/l	98
5) Bromomethane	2.832	94	334163	45.160	ug/l	97
6) Chloroethane	3.006	64	313794	43.290	ug/l	97
7) Trichlorofluoromethane	3.365	101	765235	42.521	ug/l	100
8) Diethyl Ether	3.813	74	203641	43.401	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.199	101	200221	47.516	ug/l	96
10) Methyl Iodide	4.414	142	265120	49.905	ug/l	92
11) Tert butyl alcohol	5.390	59	235596	250.407	ug/l	100
12) 1,1-Dichloroethene	4.170	96	194171	48.424	ug/l	88
13) Acrolein	4.039	56	118524	165.436	ug/l	100
14) Allyl chloride	4.832	41	362807	50.669	ug/l	95
15) Acrylonitrile	5.557	53	628383	258.950	ug/l	99
16) Acetone	4.288	43	487738	226.732	ug/l	94
17) Carbon Disulfide	4.519	76	551964	48.485	ug/l	99
18) Methyl Acetate	4.857	43	283146	51.279	ug/l	96
19) Methyl tert-butyl Ether	5.618	73	855757	51.822	ug/l	98
20) Methylene Chloride	5.090	84	252293	47.247	ug/l	93
21) trans-1,2-Dichloroethene	5.591	96	242782	49.999	ug/l	92
22) Diisopropyl ether	6.498	45	886680	52.841	ug/l	96
23) Vinyl Acetate	6.434	43	3790377	263.966	ug/l	95
24) 1,1-Dichloroethane	6.385	63	470934	51.387	ug/l	99
25) 2-Butanone	7.337	43	910337	261.479	ug/l	94
26) 2,2-Dichloropropane	7.324	77	416460	50.038	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	308357	52.544	ug/l	86
28) Bromochloromethane	7.657	49	218502	49.296	ug/l #	79
29) Tetrahydrofuran	7.689	42	617177	265.950	ug/l	92
30) Chloroform	7.817	83	538815	51.515	ug/l	96
31) Cyclohexane	8.094	56	449866	48.005	ug/l	93
32) 1,1,1-Trichloroethane	8.016	97	483070	53.172	ug/l	97
36) 1,1-Dichloropropene	8.222	75	400120	51.029	ug/l	96
37) Ethyl Acetate	7.418	43	382785	50.738	ug/l	99
38) Carbon Tetrachloride	8.206	117	414740	52.548	ug/l	98
39) Methylcyclohexane	9.461	83	444115	51.624	ug/l	91
40) Benzene	8.461	78	1205834	51.974	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	199995	53.371	ug/l	95
42) 1,2-Dichloroethane	8.531	62	437446	51.292	ug/l	96
43) Isopropyl Acetate	8.563	43	681956	51.988	ug/l	96
44) Trichloroethene	9.215	130	301699	51.913	ug/l	87
45) 1,2-Dichloropropane	9.491	63	305475	52.727	ug/l	98
46) Dibromomethane	9.579	93	219673	52.298	ug/l	94
47) Bromodichloromethane	9.765	83	433515	53.613	ug/l	98
48) Methyl methacrylate	9.563	41	293612	50.896	ug/l	89
49) 1,4-Dioxane	9.571	88	114060	1099.327	ug/l	88
51) 4-Methyl-2-Pentanone	10.333	43	2148856	267.566	ug/l	94
52) Toluene	10.507	92	833455	53.877	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	478819	55.960	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	498287	54.038	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	320233	53.640	ug/l	95
56) Ethyl methacrylate	10.762	69	507211	55.044	ug/l	89
57) 1,3-Dichloropropane	11.047	76	529862	53.507	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	555545	303.411	ug/l	92
59) 2-Hexanone	11.087	43	1546526	274.344	ug/l	92
60) Dibromochloromethane	11.242	129	350194	56.998	ug/l	100
61) 1,2-Dibromoethane	11.347	107	335495	54.508	ug/l	99
64) Tetrachloroethene	10.979	164	295637	49.750	ug/l	96
65) Chlorobenzene	11.773	112	910636	52.672	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	344477	56.123	ug/l	99
67) Ethyl Benzene	11.846	91	1686757	54.039	ug/l	96
68) m/p-Xylenes	11.956	106	1314136	110.254	ug/l	85
69) o-Xylene	12.283	106	640623	54.269	ug/l	87
70) Styrene	12.296	104	1083354	56.678	ug/l	92
71) Bromoform	12.460	173	263814	60.258	ug/l #	98
73) Isopropylbenzene	12.581	105	1668923	46.360	ug/l	96
74) N-amyl acetate	12.390	43	602696	47.417	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	486491	47.241	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	384889m	44.515	ug/l	
77) Bromobenzene	12.862	156	407281	49.860	ug/l	70
78) n-propylbenzene	12.921	91	1905019	47.655	ug/l	94
79) 2-Chlorotoluene	13.010	91	1145981	46.671	ug/l	88
80) 1,3,5-Trimethylbenzene	13.061	105	1394238	48.152	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.629	75	142556	49.155	ug/l	92
82) 4-Chlorotoluene	13.106	91	1145648	47.478	ug/l	90
83) tert-Butylbenzene	13.326	119	1202003	49.029	ug/l	86
84) 1,2,4-Trimethylbenzene	13.372	105	1392325	49.037	ug/l	93
85) sec-Butylbenzene	13.503	105	1628203	48.303	ug/l	95
86) p-Isopropyltoluene	13.619	119	1373650	50.405	ug/l	92
87) 1,3-Dichlorobenzene	13.619	146	752683	51.111	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	742264	50.580	ug/l	94
89) n-Butylbenzene	13.946	91	1125065	49.669	ug/l	97
90) Hexachloroethane	14.214	117	235494	51.914	ug/l	93
91) 1,2-Dichlorobenzene	13.991	146	730464	50.882	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	89042	51.713	ug/l	59
93) 1,2,4-Trichlorobenzene	15.265	180	340540	54.411	ug/l	98
94) Hexachlorobutadiene	15.373	225	157976	53.605	ug/l	99
95) Naphthalene	15.509	128	988787	55.003	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	325232	56.140	ug/l	98

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

