

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061721\
 Data File : VN067387.D
 Acq On : 17 Jun 2021 19:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/18/2021 9:13:23 AM

Quant Time: Jun 18 05:12:56 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 15 05:19:42 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	292338	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	607467	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	552693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	223486	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	309714	53.704	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 107.400%	
35) Dibromofluoromethane	8.024	113	194419	48.122	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.240%	
50) Toluene-d8	10.446	98	771363	49.813	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 99.620%	
62) 4-Bromofluorobenzene	12.734	95	304162	47.596	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	258357	53.934	ug/l	100
3) Chloromethane	2.301	50	264880	59.684	ug/l	100
4) Vinyl Chloride	2.443	62	255122	58.635	ug/l	99
5) Bromomethane	2.837	94	124677	67.541	ug/l	98
6) Chloroethane	3.009	64	160013	59.866	ug/l	100
7) Trichlorofluoromethane	3.365	101	348070	57.635	ug/l	99
8) Diethyl Ether	3.819	74	146835	59.772	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.199	101	211778	58.301	ug/l	96
10) Methyl Iodide	4.414	142	219542	57.687	ug/l #	94
11) Tert butyl alcohol	5.390	59	253810	267.345	ug/l	99
12) 1,1-Dichloroethene	4.173	96	206215	58.816	ug/l	99
13) Acrolein	4.039	56	197216	332.798	ug/l	98
14) Allyl chloride	4.832	41	442752	56.914	ug/l	99
15) Acrylonitrile	5.557	53	666547	319.878	ug/l	100
16) Acetone	4.291	43	567836	256.579	ug/l	96
17) Carbon Disulfide	4.521	76	649482	57.353	ug/l	98
18) Methyl Acetate	4.854	43	315916	58.871	ug/l	100
19) Methyl tert-butyl Ether	5.624	73	856747	60.875	ug/l	98
20) Methylene Chloride	5.093	84	254611	55.293	ug/l	100
21) trans-1,2-Dichloroethene	5.594	96	222206	57.189	ug/l	93
22) Diisopropyl ether	6.501	45	899891	62.668	ug/l	98
23) Vinyl Acetate	6.436	43	3974545	302.065	ug/l	100
24) 1,1-Dichloroethane	6.385	63	494727	61.416	ug/l	98
25) 2-Butanone	7.340	43	924925	292.477	ug/l	99
26) 2,2-Dichloropropane	7.327	77	413677	50.666	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	267894	58.596	ug/l	99
28) Bromochloromethane	7.659	49	218404	58.258	ug/l	95
29) Tetrahydrofuran	7.689	42	600369	301.114	ug/l	99
30) Chloroform	7.820	83	478986	56.636	ug/l	97
31) Cyclohexane	8.096	56	447010	57.018	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	431870	55.594	ug/l	98
36) 1,1-Dichloropropene	8.222	75	365082	53.608	ug/l	99
37) Ethyl Acetate	7.415	43	396225	54.915	ug/l	99
38) Carbon Tetrachloride	8.206	117	351995	48.087	ug/l	99
39) Methylcyclohexane	9.462	83	411196	57.050	ug/l	99
40) Benzene	8.461	78	1051173	55.301	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	198753	52.990	ug/l	98
42) 1,2-Dichloroethane	8.534	62	421786	52.514	ug/l	100
43) Isopropyl Acetate	8.566	43	686217	52.989	ug/l	99
44) Trichloroethene	9.220	130	221492	49.829	ug/l	100
45) 1,2-Dichloropropane	9.491	63	286684	56.549	ug/l	100
46) Dibromomethane	9.580	93	183439	53.184	ug/l	96
47) Bromodichloromethane	9.765	83	394201	50.951	ug/l	97
48) Methyl methacrylate	9.563	41	301107	50.992	ug/l	98
49) 1,4-Dioxane	9.574	88	88568	1095.889	ug/l	97
51) 4-Methyl-2-Pentanone	10.333	43	2008628	269.397	ug/l	99
52) Toluene	10.508	92	632791	52.941	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	448063	52.298	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	461844	53.337	ug/l	97
55) 1,1,2-Trichloroethane	10.902	97	239759	51.881	ug/l	98
56) Ethyl methacrylate	10.765	69	452108	54.416	ug/l	98
57) 1,3-Dichloropropane	11.049	76	453277	53.696	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.044	63	593517	245.469	ug/l	98
59) 2-Hexanone	11.089	43	1436056	262.894	ug/l	98
60) Dibromochloromethane	11.242	129	250120	49.500	ug/l	99
61) 1,2-Dibromoethane	11.347	107	249895	51.650	ug/l	97
64) Tetrachloroethene	10.980	164	181966	46.369	ug/l	95
65) Chlorobenzene	11.773	112	622284	51.742	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	224906	50.217	ug/l	99
67) Ethyl Benzene	11.848	91	1253506	52.705	ug/l	99
68) m/p-Xylenes	11.956	106	879117	103.981	ug/l	99
69) o-Xylene	12.283	106	433621	52.436	ug/l	100
70) Styrene	12.296	104	726133	52.827	ug/l	100
71) Bromoform	12.460	173	161819	47.285	ug/l #	100
73) Isopropylbenzene	12.581	105	1138112	53.072	ug/l	100
74) N-amyl acetate	12.390	43	587507	56.116	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	367501	57.483	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	332044m	57.214	ug/l	
77) Bromobenzene	12.862	156	220678	50.532	ug/l	92
78) n-propylbenzene	12.924	91	1403831	55.039	ug/l	98
79) 2-Chlorotoluene	13.010	91	847258	53.347	ug/l	98
80) 1,3,5-Trimethylbenzene	13.061	105	955873	52.914	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	125163	53.449	ug/l	96
82) 4-Chlorotoluene	13.106	91	849751	53.737	ug/l	96
83) tert-Butylbenzene	13.326	119	773497	53.774	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	946714	53.045	ug/l	100
85) sec-Butylbenzene	13.506	105	1130295	55.500	ug/l	98
86) p-Isopropyltoluene	13.619	119	875135	53.243	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	402916	51.148	ug/l	100
88) 1,4-Dichlorobenzene	13.696	146	398809	50.332	ug/l	99
89) n-Butylbenzene	13.946	91	858197	55.568	ug/l	98
90) Hexachloroethane	14.214	117	178715	55.600	ug/l	91
91) 1,2-Dichlorobenzene	13.991	146	398586	53.327	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.606	75	81189	50.799	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	192040	49.211	ug/l	99
94) Hexachlorobutadiene	15.373	225	98332	43.878	ug/l	99
95) Naphthalene	15.507	128	609519	45.168	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	184557	49.262	ug/l	98

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

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