

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062221\
 Data File : VN067448.D
 Acq On : 22 Jun 2021 20:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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 6/23/2021 5:32:08 PM

Quant Time: Jun 23 04:07:26 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	8.086	168	257953	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	562859	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	516003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	195490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	260732	51.237	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.480%			
35) Dibromofluoromethane	8.024	113	180372	48.183	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.360%			
50) Toluene-d8	10.443	98	751898	52.404	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.800%			
62) 4-Bromofluorobenzene	12.734	95	274565	46.369	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.740%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	212701	50.410	ug/l	98
3) Chloromethane	2.301	50	249355	63.676	ug/l	99
4) Vinyl Chloride	2.443	62	216833	56.478	ug/l	96
5) Bromomethane	2.842	94	117500	72.138	ug/l	97
6) Chloroethane	3.011	64	142237	60.309	ug/l	96
7) Trichlorofluoromethane	3.368	101	342671	64.304	ug/l	98
8) Diethyl Ether	3.821	74	147915	68.237	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.200	101	188018	58.660	ug/l	95
10) Methyl Iodide	4.417	142	201620	59.765	ug/l	92
11) Tert butyl alcohol	5.390	59	230517	275.176	ug/l	100
12) 1,1-Dichloroethene	4.173	96	193312	62.486	ug/l	94
13) Acrolein	4.036	56	159513	305.056	ug/l	99
14) Allyl chloride	4.835	41	399004	58.128	ug/l	92
15) Acrylonitrile	5.557	53	662047	360.070	ug/l	99
16) Acetone	4.291	43	503647	257.911	ug/l #	90
17) Carbon Disulfide	4.521	76	578539	57.898	ug/l	99
18) Methyl Acetate	4.857	43	301418	63.657	ug/l	97
19) Methyl tert-butyl Ether	5.621	73	758797	61.103	ug/l	95
20) Methylene Chloride	5.095	84	240725	59.246	ug/l	96
21) trans-1,2-Dichloroethene	5.591	96	205291	59.879	ug/l	98
22) Diisopropyl ether	6.501	45	848346	66.953	ug/l	97
23) Vinyl Acetate	6.436	43	3657201	314.997	ug/l	99
24) 1,1-Dichloroethane	6.385	63	454475	63.939	ug/l	99
25) 2-Butanone	7.340	43	882690	316.328	ug/l	100
26) 2,2-Dichloropropane	7.329	77	346752	48.130	ug/l	95
27) cis-1,2-Dichloroethene	7.327	96	251282	62.289	ug/l	95
28) Bromochloromethane	7.659	49	205274	62.055	ug/l	91
29) Tetrahydrofuran	7.689	42	576180	327.504	ug/l	96
30) Chloroform	7.817	83	436731	58.523	ug/l	99
31) Cyclohexane	8.096	56	420694	60.814	ug/l	96
32) 1,1,1-Trichloroethane	8.016	97	362214	52.843	ug/l	98
36) 1,1-Dichloropropene	8.222	75	332131	52.635	ug/l	99
37) Ethyl Acetate	7.418	43	365769	54.712	ug/l	98
38) Carbon Tetrachloride	8.206	117	288731	42.570	ug/l	97
39) Methylcyclohexane	9.462	83	383072	57.360	ug/l	97
40) Benzene	8.461	78	1013807	57.563	ug/l	100

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41) Methacrylonitrile	7.641	41	200675	57.743	ug/l	97
42) 1,2-Dichloroethane	8.531	62	348246	46.794	ug/l	97
43) Isopropyl Acetate	8.563	43	647887	53.994	ug/l	98
44) Trichloroethene	9.217	130	198855	48.282	ug/l	93
45) 1,2-Dichloropropane	9.491	63	280911	59.802	ug/l	100
46) Dibromomethane	9.580	93	169739	53.112	ug/l	95
47) Bromodichloromethane	9.765	83	356849	49.779	ug/l	100
48) Methyl methacrylate	9.561	41	277363	50.694	ug/l	93
49) 1,4-Dioxane	9.574	88	84064	1122.594	ug/l	96
51) 4-Methyl-2-Pentanone	10.333	43	1936237	280.269	ug/l	97
52) Toluene	10.508	92	598662	54.055	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	407007	51.271	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	438733	54.684	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	233765	54.593	ug/l	98
56) Ethyl methacrylate	10.765	69	444483	57.738	ug/l	92
57) 1,3-Dichloropropane	11.047	76	440687	56.342	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	546809	244.074	ug/l	95
59) 2-Hexanone	11.087	43	1383753	273.395	ug/l	95
60) Dibromochloromethane	11.240	129	220489	47.094	ug/l	98
61) 1,2-Dibromoethane	11.347	107	234437	52.295	ug/l	98
64) Tetrachloroethene	10.980	164	171891	46.916	ug/l	98
65) Chlorobenzene	11.773	112	587428	52.317	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	203393	48.643	ug/l	97
67) Ethyl Benzene	11.846	91	1168769	52.636	ug/l	99
68) m/p-Xylenes	11.956	106	811936	102.864	ug/l	98
69) o-Xylene	12.283	106	407378	52.765	ug/l	98
70) Styrene	12.296	104	666996	51.975	ug/l	98
71) Bromoform	12.460	173	139039	43.518	ug/l #	99
73) Isopropylbenzene	12.581	105	1070249	57.055	ug/l	99
74) N-amyl acetate	12.390	43	552137	60.291	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	361762	64.689	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	309964m	61.058	ug/l	
77) Bromobenzene	12.862	156	199311	52.175	ug/l	89
78) n-propylbenzene	12.924	91	1317428	59.048	ug/l	97
79) 2-Chlorotoluene	13.010	91	777831	55.990	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	883140	55.888	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.626	75	118631	57.914	ug/l	91
82) 4-Chlorotoluene	13.106	91	770851	55.728	ug/l	97
83) tert-Butylbenzene	13.326	119	707241	56.209	ug/l	98
84) 1,2,4-Trimethylbenzene	13.369	105	858265	54.976	ug/l	99
85) sec-Butylbenzene	13.503	105	1056463	59.304	ug/l	98
86) p-Isopropyltoluene	13.619	119	777500	54.077	ug/l	98
87) 1,3-Dichlorobenzene	13.619	146	360133	52.264	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	365367	52.715	ug/l	99
89) n-Butylbenzene	13.946	91	782516	57.924	ug/l	98
90) Hexachloroethane	14.211	117	158711	56.448	ug/l	89
91) 1,2-Dichlorobenzene	13.991	146	360755	55.178	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	68299	48.853	ug/l	99
93) 1,2,4-Trichlorobenzene	15.265	180	172070	50.408	ug/l	98
94) Hexachlorobutadiene	15.373	225	80745	41.190	ug/l	99
95) Naphthalene	15.507	128	585062	49.311	ug/l	100
96) 1,2,3-Trichlorobenzene	15.705	180	160466	48.966	ug/l	99

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

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