

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061721\
 Data File : VN067371.D
 Acq On : 17 Jun 2021 10:44
 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

6/18/2021 9:12:42 AM

Quant Time: Jun 18 05:08:29 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	315293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	628020	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	570278	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	232829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	319346	51.343	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.680%			
35) Dibromofluoromethane	8.021	113	209596	50.181	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.360%			
50) Toluene-d8	10.443	98	819649	51.199	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.400%			
62) 4-Bromofluorobenzene	12.733	95	330612	50.042	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	273611	52.983	ug/l	100
3) Chloromethane	2.301	50	277429	57.961	ug/l	98
4) Vinyl Chloride	2.445	62	265829	56.648	ug/l	97
5) Bromomethane	2.834	94	129067	64.829	ug/l	99
6) Chloroethane	3.009	64	158245	54.894	ug/l	100
7) Trichlorofluoromethane	3.368	101	364726	55.996	ug/l	100
8) Diethyl Ether	3.819	74	145261	54.826	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.205	101	226907	57.918	ug/l	97
10) Methyl Iodide	4.417	142	235025	57.310	ug/l	98
11) Tert butyl alcohol	5.385	59	230525	225.140	ug/l #	87
12) 1,1-Dichloroethene	4.175	96	213217	56.386	ug/l	98
13) Acrolein	4.038	56	172840	270.429	ug/l	99
14) Allyl chloride	4.838	41	456858	54.452	ug/l	99
15) Acrylonitrile	5.554	53	626959	278.974	ug/l	99
16) Acetone	4.285	43	828621	347.157	ug/l	98
17) Carbon Disulfide	4.521	76	678997	55.594	ug/l	99
18) Methyl Acetate	4.851	43	296661	51.258	ug/l	98
19) Methyl tert-butyl Ether	5.618	73	865959	57.050	ug/l	97
20) Methylene Chloride	5.095	84	254600	51.265	ug/l	98
21) trans-1,2-Dichloroethene	5.594	96	232505	55.483	ug/l	96
22) Diisopropyl ether	6.498	45	893592	57.698	ug/l	98
23) Vinyl Acetate	6.433	43	3894832	274.456	ug/l	100
24) 1,1-Dichloroethane	6.385	63	499516	57.495	ug/l	99
25) 2-Butanone	7.337	43	1016552	298.048	ug/l	99
26) 2,2-Dichloropropane	7.327	77	478574	54.347	ug/l	100
27) cis-1,2-Dichloroethene	7.327	96	266766	54.101	ug/l	98
28) Bromochloromethane	7.659	49	236060	58.384	ug/l	95
29) Tetrahydrofuran	7.689	42	560759	260.772	ug/l	100
30) Chloroform	7.817	83	489407	53.655	ug/l	99
31) Cyclohexane	8.094	56	453790	53.669	ug/l	99
32) 1,1,1-Trichloroethane	8.013	97	444052	53.000	ug/l	98
36) 1,1-Dichloropropene	8.222	75	382715	54.358	ug/l	99
37) Ethyl Acetate	7.415	43	367964	49.329	ug/l	99
38) Carbon Tetrachloride	8.206	117	370064	48.901	ug/l	98
39) Methylcyclohexane	9.461	83	441570	59.259	ug/l	99
40) Benzene	8.461	78	1050027	53.433	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	189529	48.877	ug/l	96
42) 1,2-Dichloroethane	8.531	62	425220	51.209	ug/l	100
43) Isopropyl Acetate	8.563	43	665391	49.699	ug/l	98
44) Trichloroethene	9.217	130	238396	51.877	ug/l	97
45) 1,2-Dichloropropane	9.491	63	284288	54.241	ug/l	98
46) Dibromomethane	9.579	93	185291	51.963	ug/l	97
47) Bromodichloromethane	9.762	83	407106	50.897	ug/l	97
48) Methyl methacrylate	9.561	41	292746	47.954	ug/l	98
49) 1,4-Dioxane	9.574	88	80350	961.667	ug/l	98
51) 4-Methyl-2-Pentanone	10.333	43	1912468	248.106	ug/l	100
52) Toluene	10.507	92	655215	53.023	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	462573	52.224	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	479346	53.547	ug/l	98
55) 1,1,2-Trichloroethane	10.902	97	242499	50.756	ug/l	99
56) Ethyl methacrylate	10.765	69	444639	51.765	ug/l	98
57) 1,3-Dichloropropane	11.046	76	456229	52.277	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	485666	194.290	ug/l	98
59) 2-Hexanone	11.089	43	1512693	267.861	ug/l	99
60) Dibromochloromethane	11.240	129	259021	49.584	ug/l	99
61) 1,2-Dibromoethane	11.347	107	248415	49.664	ug/l	99
64) Tetrachloroethene	10.979	164	211134	52.142	ug/l	97
65) Chlorobenzene	11.773	112	656286	52.886	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	235016	50.856	ug/l	99
67) Ethyl Benzene	11.848	91	1310497	53.402	ug/l	100
68) m/p-Xylenes	11.956	106	932692	106.916	ug/l	100
69) o-Xylene	12.283	106	452721	53.057	ug/l	99
70) Styrene	12.296	104	762473	53.760	ug/l	100
71) Bromoform	12.460	173	166826	47.245	ug/l #	100
73) Isopropylbenzene	12.581	105	1209993	54.160	ug/l	100
74) N-amyl acetate	12.390	43	567375	52.019	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	348527	52.328	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	349821m	57.858	ug/l	
77) Bromobenzene	12.862	156	233118	51.239	ug/l	95
78) n-propylbenzene	12.924	91	1504706	56.627	ug/l	99
79) 2-Chlorotoluene	13.010	91	900929	54.450	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	1035983	55.047	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.629	75	128048	52.486	ug/l	97
82) 4-Chlorotoluene	13.109	91	910935	55.294	ug/l	97
83) tert-Butylbenzene	13.326	119	820827	54.775	ug/l	99
84) 1,2,4-Trimethylbenzene	13.372	105	1015892	54.637	ug/l	100
85) sec-Butylbenzene	13.503	105	1221327	57.564	ug/l	99
86) p-Isopropyltoluene	13.618	119	962380	56.201	ug/l	100
87) 1,3-Dichlorobenzene	13.618	146	442158	53.877	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	440715	53.389	ug/l	99
89) n-Butylbenzene	13.946	91	971450	60.377	ug/l	99
90) Hexachloroethane	14.214	117	186993	55.841	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	420039	53.942	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	75873	45.568	ug/l	97
93) 1,2,4-Trichlorobenzene	15.268	180	218739	53.803	ug/l	99
94) Hexachlorobutadiene	15.372	225	113722	48.709	ug/l	97
95) Naphthalene	15.509	128	625002	44.498	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	200553	51.384	ug/l	99

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

