

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062321\
 Data File : VN067469.D
 Acq On : 23 Jun 2021 20:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/24/2021 4:59:11 PM

Quant Time: Jun 24 05:05:17 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	241390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	546282	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	494571	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	188933	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	253226	53.18	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.36%			
35) Dibromofluoromethane	8.024	113	172026	47.35	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.70%			
50) Toluene-d8	10.443	98	700572	50.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.62%			
62) 4-Bromofluorobenzene	12.734	95	258413	44.97	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.94%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.070	85	207350	52.46	ug/l	98
3) Chloromethane	2.301	50	238027	64.95	ug/l	99
4) Vinyl Chloride	2.443	62	216650	60.30	ug/l	98
5) Bromomethane	2.834	94	112180	73.60	ug/l	97
6) Chloroethane	3.006	64	136788	61.98	ug/l	97
7) Trichlorofluoromethane	3.368	101	332447	66.67	ug/l	100
8) Diethyl Ether	3.819	74	136036	67.06	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.202	101	183677	61.24	ug/l	95
10) Methyl Iodide	4.414	142	201607	63.40	ug/l	94
11) Tert butyl alcohol	5.390	59	216186	275.78	ug/l	99
12) 1,1-Dichloroethene	4.170	96	185596	64.11	ug/l	92
13) Acrolein	4.039	56	150871	308.33	ug/l	98
14) Allyl chloride	4.835	41	387487	60.32	ug/l	93
15) Acrylonitrile	5.557	53	644577	374.62	ug/l	99
16) Acetone	4.291	43	502497	274.98	ug/l	91
17) Carbon Disulfide	4.521	76	557778	59.65	ug/l	98
18) Methyl Acetate	4.857	43	295605	66.71	ug/l	99
19) Methyl tert-butyl Ether	5.621	73	753243	64.82	ug/l	96
20) Methylene Chloride	5.095	84	236627	62.23	ug/l	95
21) trans-1,2-Dichloroethene	5.589	96	200338	62.44	ug/l	97
22) Diisopropyl ether	6.501	45	830648	70.05	ug/l	97
23) Vinyl Acetate	6.436	43	3545177	326.30	ug/l	99
24) 1,1-Dichloroethane	6.385	63	443530	66.68	ug/l	99
25) 2-Butanone	7.343	43	862216	330.19	ug/l	97
26) 2,2-Dichloropropane	7.324	77	320914	47.60	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	240613	63.74	ug/l	96
28) Bromochloromethane	7.659	49	203556	65.76	ug/l	91
29) Tetrahydrofuran	7.689	42	569208	345.74	ug/l	98
30) Chloroform	7.818	83	421426	60.35	ug/l	97
31) Cyclohexane	8.094	56	399518	61.72	ug/l	99
32) 1,1,1-Trichloroethane	8.016	97	354153	55.21	ug/l	98
36) 1,1-Dichloropropene	8.223	75	323437	52.81	ug/l	99
37) Ethyl Acetate	7.418	43	357462	55.09	ug/l	99
38) Carbon Tetrachloride	8.206	117	277621	42.17	ug/l	99
39) Methylcyclohexane	9.462	83	360447	55.61	ug/l	97
40) Benzene	8.461	78	984163	57.58	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.641	41	194627	57.70	ug/l	96
42) 1,2-Dichloroethane	8.531	62	345471	47.83	ug/l	98
43) Isopropyl Acetate	8.563	43	630574	54.15	ug/l	98
44) Trichloroethene	9.218	130	192097	48.06	ug/l	95
45) 1,2-Dichloropropane	9.494	63	272842	59.85	ug/l	100
46) Dibromomethane	9.580	93	163184	52.61	ug/l	94
47) Bromodichloromethane	9.765	83	343352	49.35	ug/l	98
48) Methyl methacrylate	9.564	41	285395	53.74	ug/l	95
49) 1,4-Dioxane	9.572	88	79424	1092.82	ug/l	99
51) 4-Methyl-2-Pentanone	10.333	43	1873050	279.35	ug/l	97
52) Toluene	10.508	92	577295	53.71	ug/l	97
53) t-1,3-Dichloropropene	10.722	75	385721	50.06	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	421031	54.07	ug/l	91
55) 1,1,2-Trichloroethane	10.902	97	228819	55.06	ug/l	99
56) Ethyl methacrylate	10.765	69	423404	56.67	ug/l	93
57) 1,3-Dichloropropane	11.047	76	428370	56.43	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	502527	231.12	ug/l	94
59) 2-Hexanone	11.087	43	1323620	269.45	ug/l	96
60) Dibromochloromethane	11.242	129	212566	46.78	ug/l	98
61) 1,2-Dibromoethane	11.347	107	223535	51.38	ug/l	100
64) Tetrachloroethene	10.980	164	169735	48.33	ug/l	97
65) Chlorobenzene	11.773	112	556987	51.76	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	192075	47.93	ug/l	98
67) Ethyl Benzene	11.846	91	1123772	52.80	ug/l	97
68) m/p-Xylenes	11.956	106	762441	100.78	ug/l	99
69) o-Xylene	12.283	106	380336	51.40	ug/l	98
70) Styrene	12.296	104	634267	51.57	ug/l	99
71) Bromoform	12.460	173	132020	43.11	ug/l #	99
73) Isopropylbenzene	12.581	105	1012361	55.84	ug/l	99
74) N-amyl acetate	12.390	43	526264	59.46	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	338786	62.68	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	292009m	59.52	ug/l	
77) Bromobenzene	12.862	156	190025	51.47	ug/l	90
78) n-propylbenzene	12.921	91	1257422	58.31	ug/l	97
79) 2-Chlorotoluene	13.010	91	760812	56.67	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	839551	54.97	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.629	75	107796	54.45	ug/l	89
82) 4-Chlorotoluene	13.106	91	729225	54.55	ug/l	96
83) tert-Butylbenzene	13.326	119	665413	54.72	ug/l	99
84) 1,2,4-Trimethylbenzene	13.369	105	823319	54.57	ug/l	98
85) sec-Butylbenzene	13.503	105	979919	56.92	ug/l	97
86) p-Isopropyltoluene	13.616	119	724691	52.15	ug/l	99
87) 1,3-Dichlorobenzene	13.619	146	341754	51.32	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	343672	51.31	ug/l	99
89) n-Butylbenzene	13.943	91	732038	56.07	ug/l	98
90) Hexachloroethane	14.211	117	145593	53.58	ug/l	87
91) 1,2-Dichlorobenzene	13.991	146	343151	54.31	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.603	75	65837	48.73	ug/l	96
93) 1,2,4-Trichlorobenzene	15.265	180	158056	47.91	ug/l	99
94) Hexachlorobutadiene	15.373	225	74006	39.06	ug/l	98
95) Naphthalene	15.507	128	557232	48.63	ug/l	99
96) 1,2,3-Trichlorobenzene	15.705	180	155264	49.02	ug/l	98

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

