

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071421\
 Data File : VN067753.D
 Acq On : 14 Jul 2021 19:11
 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
 7/16/2021 10:43:32 AM

Quant Time: Jul 15 06:49:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 16:18:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	391937	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	727156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	727598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	346734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	304038	51.329	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.660%			
35) Dibromofluoromethane	8.021	113	223477	50.868	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.740%			
50) Toluene-d8	10.443	98	964163	52.431	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.860%			
62) 4-Bromofluorobenzene	12.733	95	348925	53.713	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 107.420%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.070	85	159111	47.761	ug/l	99
3) Chloromethane	2.301	50	229778	43.548	ug/l	97
4) Vinyl Chloride	2.440	62	381884	47.956	ug/l	98
5) Bromomethane	2.829	94	315982	59.271	ug/l	99
6) Chloroethane	3.003	64	294459	55.969	ug/l	97
7) Trichlorofluoromethane	3.365	101	699800	58.354	ug/l	99
8) Diethyl Ether	3.816	74	217020	68.460	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.199	101	189784	52.248	ug/l	96
10) Methyl Iodide	4.411	142	210117	48.559	ug/l	93
11) Tert butyl alcohol	5.390	59	212259	249.368	ug/l	99
12) 1,1-Dichloroethene	4.167	96	178882	51.329	ug/l	90
13) Acrolein	4.036	56	124465	300.796	ug/l	100
14) Allyl chloride	4.832	41	314490	49.092	ug/l	93
15) Acrylonitrile	5.556	53	568324	269.195	ug/l	100
16) Acetone	4.291	43	462299	248.036	ug/l	96
17) Carbon Disulfide	4.519	76	467886	48.468	ug/l	98
18) Methyl Acetate	4.856	43	262210	50.087	ug/l	96
19) Methyl tert-butyl Ether	5.621	73	764336	52.926	ug/l	99
20) Methylene Chloride	5.087	84	230049	52.912	ug/l	91
21) trans-1,2-Dichloroethene	5.589	96	215031	52.188	ug/l	91
22) Diisopropyl ether	6.500	45	783820	53.919	ug/l	97
23) Vinyl Acetate	6.436	43	3303112	265.774	ug/l	96
24) 1,1-Dichloroethane	6.385	63	416087	51.343	ug/l	98
25) 2-Butanone	7.340	43	812445	262.504	ug/l	95
26) 2,2-Dichloropropane	7.324	77	349842	49.397	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	269379	52.243	ug/l	87
28) Bromochloromethane	7.659	49	193677	48.976	ug/l	# 81
29) Tetrahydrofuran	7.689	42	546065	268.296	ug/l	92
30) Chloroform	7.817	83	484730	53.250	ug/l	98
31) Cyclohexane	8.094	56	384371	46.279	ug/l	93
32) 1,1,1-Trichloroethane	8.013	97	428151	54.243	ug/l	98
36) 1,1-Dichloropropene	8.222	75	349185	51.696	ug/l	96
37) Ethyl Acetate	7.418	43	345476	52.787	ug/l	99
38) Carbon Tetrachloride	8.204	117	363541	54.564	ug/l	99
39) Methylcyclohexane	9.461	83	379359	51.303	ug/l	92
40) Benzene	8.458	78	1063862	52.618	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	170424	50.667	ug/l	93
42) 1,2-Dichloroethane	8.531	62	394043	52.480	ug/l	97
43) Isopropyl Acetate	8.566	43	605533	52.598	ug/l	96
44) Trichloroethene	9.217	130	269022	52.428	ug/l	87
45) 1,2-Dichloropropane	9.491	63	267914	52.337	ug/l	98
46) Dibromomethane	9.577	93	197372	54.339	ug/l	95
47) Bromodichloromethane	9.764	83	384873	54.200	ug/l	98
48) Methyl methacrylate	9.561	41	266835	52.405	ug/l	90
49) 1,4-Dioxane	9.571	88	98219	970.534	ug/l	91
51) 4-Methyl-2-Pentanone	10.333	43	1955804	276.533	ug/l	96
52) Toluene	10.507	92	738476	55.758	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	417384	49.350	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	432178	54.728	ug/l	92
55) 1,1,2-Trichloroethane	10.902	97	285849	56.318	ug/l	97
56) Ethyl methacrylate	10.762	69	447836	57.271	ug/l	91
57) 1,3-Dichloropropane	11.046	76	474948	54.570	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	444230	215.551	ug/l	93
59) 2-Hexanone	11.087	43	1387256	281.005	ug/l	94
60) Dibromochloromethane	11.242	129	304670	48.960	ug/l	99
61) 1,2-Dibromoethane	11.349	107	297561	57.423	ug/l	99
64) Tetrachloroethene	10.979	164	263318	51.269	ug/l	97
65) Chlorobenzene	11.773	112	783375	52.422	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	299136	56.908	ug/l	99
67) Ethyl Benzene	11.848	91	1464766	53.843	ug/l	97
68) m/p-Xylenes	11.956	106	1131004	109.921	ug/l	86
69) o-Xylene	12.283	106	552522	54.617	ug/l	88
70) Styrene	12.296	104	934742	57.763	ug/l	92
71) Bromoform	12.463	173	209731	45.300	ug/l #	99
73) Isopropylbenzene	12.581	105	1451244	51.875	ug/l	97
74) N-amyl acetate	12.390	43	519433	51.179	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	417401	51.408	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	384235m	54.263	ug/l	
77) Bromobenzene	12.862	156	325214	52.523	ug/l	76
78) n-propylbenzene	12.924	91	1660919	52.492	ug/l	96
79) 2-Chlorotoluene	13.010	91	989869	51.781	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	1208826	53.327	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	116414	53.006	ug/l	96
82) 4-Chlorotoluene	13.106	91	991945	52.439	ug/l	92
83) tert-Butylbenzene	13.326	119	1028504	53.203	ug/l	88
84) 1,2,4-Trimethylbenzene	13.372	105	1203598	54.189	ug/l	93
85) sec-Butylbenzene	13.503	105	1421786	53.142	ug/l	96
86) p-Isopropyltoluene	13.618	119	1173873	54.371	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	619669	53.946	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	606930	51.607	ug/l	95
89) n-Butylbenzene	13.946	91	947895	51.187	ug/l	98
90) Hexachloroethane	14.214	117	197719	55.140	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	593331	53.511	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	73732	52.286	ug/l	72
93) 1,2,4-Trichlorobenzene	15.265	180	253099	44.150	ug/l	99
94) Hexachlorobutadiene	15.372	225	119531	51.303	ug/l	99
95) Naphthalene	15.509	128	715312	42.609	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	240945	43.860	ug/l	99

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

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