

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081821\
 Data File : VN068182.D
 Acq On : 18 Aug 2021 10:11
 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
 8/19/2021 6:17:23 PM

Quant Time: Aug 18 13:39:33 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 13:09:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	694858	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	979494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	976522	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	499312	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	314879	42.441	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.880%		
35) Dibromofluoromethane	8.021	113	287939	46.823	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.640%		
50) Toluene-d8	10.443	98	1155836	49.328	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.660%		
62) 4-Bromofluorobenzene	12.733	95	405505	51.985	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.980%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	252779	45.911	ug/l	100
3) Chloromethane	2.301	50	255627	41.095	ug/l	99
4) Vinyl Chloride	2.443	62	401791	41.222	ug/l	97
5) Bromomethane	2.834	94	355796	46.013	ug/l	100
6) Chloroethane	3.006	64	288608	49.111	ug/l	97
7) Trichlorofluoromethane	3.365	101	785987	41.019	ug/l	98
8) Diethyl Ether	3.819	74	267209	60.119	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.197	101	257135	43.890	ug/l #	83
10) Methyl Iodide	4.411	142	371070	44.543	ug/l #	88
11) Tert butyl alcohol	5.390	59	216172	233.643	ug/l	99
12) 1,1-Dichloroethene	4.170	96	235210	41.755	ug/l #	76
13) Acrolein	4.039	56	169947	280.269	ug/l	100
14) Allyl chloride	4.832	41	311287	43.232	ug/l #	92
15) Acrylonitrile	5.556	53	599742	230.077	ug/l	99
16) Acetone	4.291	43	558834	257.982	ug/l #	89
17) Carbon Disulfide	4.521	76	629351	43.218	ug/l	99
18) Methyl Acetate	4.856	43	267417	48.269	ug/l #	84
19) Methyl tert-butyl Ether	5.618	73	839300	46.215	ug/l	97
20) Methylene Chloride	5.090	84	283871	47.253	ug/l #	80
21) trans-1,2-Dichloroethene	5.591	96	278384	44.142	ug/l #	77
22) Diisopropyl ether	6.501	45	726450	46.184	ug/l #	92
23) Vinyl Acetate	6.434	43	2848986m	232.688	ug/l	
24) 1,1-Dichloroethane	6.385	63	448718	42.696	ug/l	96
25) 2-Butanone	7.340	43	807658	239.247	ug/l #	85
26) 2,2-Dichloropropane	7.324	77	425842	47.291	ug/l	90
27) cis-1,2-Dichloroethene	7.327	96	332248	43.999	ug/l	75
28) Bromochloromethane	7.659	49	198531	42.959	ug/l #	40
29) Tetrahydrofuran	7.689	42	500080	231.630	ug/l #	78
30) Chloroform	7.817	83	542483	43.332	ug/l	98
31) Cyclohexane	8.094	56	405498	41.495	ug/l #	81
32) 1,1,1-Trichloroethane	8.016	97	505424	45.270	ug/l	94
36) 1,1-Dichloropropene	8.220	75	392435	49.011	ug/l	91
37) Ethyl Acetate	7.415	43	321821	47.179	ug/l	95
38) Carbon Tetrachloride	8.206	117	463516	50.191	ug/l	98
39) Methylcyclohexane	9.461	83	466372	51.572	ug/l #	83
40) Benzene	8.461	78	1198895	49.057	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	160202	51.440	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	399876	48.036	ug/l	91
43) Isopropyl Acetate	8.563	43	552804	50.592	ug/l #	89
44) Trichloroethene	9.217	130	364406	49.585	ug/l	76
45) 1,2-Dichloropropane	9.491	63	281690	49.004	ug/l	98
46) Dibromomethane	9.579	93	231021	49.267	ug/l #	75
47) Bromodichloromethane	9.765	83	440030	50.498	ug/l #	95
48) Methyl methacrylate	9.561	41	237990	52.266	ug/l #	82
49) 1,4-Dioxane	9.571	88	120725	1096.904	ug/l #	78
51) 4-Methyl-2-Pentanone	10.333	43	1743882	259.816	ug/l	88
52) Toluene	10.507	92	860717	51.662	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	470329	54.953	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	487721	52.595	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	338499	50.842	ug/l	93
56) Ethyl methacrylate	10.762	69	469003	54.855	ug/l #	80
57) 1,3-Dichloropropane	11.047	76	515962	50.315	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	357810	199.550	ug/l #	83
59) 2-Hexanone	11.089	43	1279138	274.460	ug/l	85
60) Dibromochloromethane	11.240	129	407111	54.201	ug/l	100
61) 1,2-Dibromoethane	11.350	107	367076	53.162	ug/l	97
64) Tetrachloroethene	10.979	164	371070	49.142	ug/l	88
65) Chlorobenzene	11.773	112	991373	49.583	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	385724	51.143	ug/l	98
67) Ethyl Benzene	11.846	91	1684512	51.077	ug/l	93
68) m/p-Xylenes	11.956	106	1373319	104.094	ug/l	78
69) o-Xylene	12.283	106	670660	52.611	ug/l	78
70) Styrene	12.296	104	1098820	53.853	ug/l #	90
71) Bromoform	12.460	173	344978	57.035	ug/l #	98
73) Isopropylbenzene	12.581	105	1708429	48.110	ug/l	94
74) N-amyl acetate	12.390	43	452714	48.958	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	480048	45.074	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	380248m	45.818	ug/l	
77) Bromobenzene	12.862	156	485578	49.633	ug/l	52
78) n-propylbenzene	12.924	91	1850933	48.590	ug/l	90
79) 2-Chlorotoluene	13.010	91	1099169	46.657	ug/l	80
80) 1,3,5-Trimethylbenzene	13.061	105	1406590	48.962	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.626	75	132389	52.262	ug/l	87
82) 4-Chlorotoluene	13.106	91	1088186	47.589	ug/l	82
83) tert-Butylbenzene	13.326	119	1244323	48.777	ug/l	81
84) 1,2,4-Trimethylbenzene	13.369	105	1389189	49.535	ug/l	89
85) sec-Butylbenzene	13.503	105	1643985	48.943	ug/l	91
86) p-Isopropyltoluene	13.618	119	1416349	51.083	ug/l	89
87) 1,3-Dichlorobenzene	13.618	146	839415	50.318	ug/l	92
88) 1,4-Dichlorobenzene	13.696	146	818456	48.428	ug/l	91
89) n-Butylbenzene	13.946	91	1039343	50.251	ug/l	95
90) Hexachloroethane	14.211	117	248868	48.376	ug/l	64
91) 1,2-Dichlorobenzene	13.991	146	785180	49.435	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	77691	48.162	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.265	180	400689	48.206	ug/l	97
94) Hexachlorobutadiene	15.373	225	220742	51.316	ug/l	98
95) Naphthalene	15.507	128	935232	47.869	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	377387	47.851	ug/l	97

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

