

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081721\
 Data File : VN068180.D
 Acq On : 18 Aug 2021 7:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 5:55:01 PM

Quant Time: Aug 18 08:43:02 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	592845	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	913257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	907613	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	473738	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	284261	44.907	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.820%		
35) Dibromofluoromethane	8.024	113	257891	44.978	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	89.960%		
50) Toluene-d8	10.443	98	1026347	46.978	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	93.960%		
62) 4-Bromofluorobenzene	12.733	95	355661	48.902	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	215818	45.943	ug/l	97
3) Chloromethane	2.301	50	244543	46.077	ug/l	98
4) Vinyl Chloride	2.443	62	390935	47.010	ug/l	95
5) Bromomethane	2.840	94	336220	51.318	ug/l	96
6) Chloroethane	3.011	64	292940	59.303	ug/l	98
7) Trichlorofluoromethane	3.368	101	768930	47.034	ug/l	98
8) Diethyl Ether	3.816	74	186128	49.083	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.202	101	231016	46.217	ug/l #	84
10) Methyl Iodide	4.417	142	326845	45.985	ug/l #	87
11) Tert butyl alcohol	5.390	59	194137	245.933	ug/l #	83
12) 1,1-Dichloroethene	4.173	96	224067	46.622	ug/l #	75
13) Acrolein	4.038	56	136029	262.315	ug/l	100
14) Allyl chloride	4.835	41	281188	45.772	ug/l #	93
15) Acrylonitrile	5.556	53	564937	254.017	ug/l	99
16) Acetone	4.291	43	436710	236.295	ug/l #	88
17) Carbon Disulfide	4.521	76	604030	48.617	ug/l	99
18) Methyl Acetate	4.859	43	251437	53.548	ug/l #	85
19) Methyl tert-butyl Ether	5.621	73	786387	50.752	ug/l	96
20) Methylene Chloride	5.092	84	270792	53.094	ug/l #	81
21) trans-1,2-Dichloroethene	5.597	96	261443	48.589	ug/l #	81
22) Diisopropyl ether	6.500	45	695323	51.812	ug/l #	93
23) Vinyl Acetate	6.436	43	2704422m	258.889	ug/l	
24) 1,1-Dichloroethane	6.388	63	431180	48.087	ug/l	95
25) 2-Butanone	7.340	43	714938	248.224	ug/l #	85
26) 2,2-Dichloropropane	7.327	77	226509	29.483	ug/l	85
27) cis-1,2-Dichloroethene	7.327	96	309494	48.038	ug/l	73
28) Bromochloromethane	7.659	49	197943	50.202	ug/l #	41
29) Tetrahydrofuran	7.689	42	476114	258.477	ug/l #	79
30) Chloroform	7.820	83	521705	48.843	ug/l	99
31) Cyclohexane	8.096	56	384387	46.103	ug/l #	82
32) 1,1,1-Trichloroethane	8.013	97	488069	51.238	ug/l	94
36) 1,1-Dichloropropene	8.222	75	368825	49.404	ug/l	91
37) Ethyl Acetate	7.418	43	307225	48.306	ug/l	96
38) Carbon Tetrachloride	8.206	117	443362	51.491	ug/l	99
39) Methylcyclohexane	9.461	83	414388	49.147	ug/l #	84
40) Benzene	8.461	78	1149521	50.448	ug/l	100

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41) Methacrylonitrile	7.638	41	143029	49.257	ug/l #	82
42) 1,2-Dichloroethane	8.533	62	388375	50.038	ug/l	92
43) Isopropyl Acetate	8.566	43	529994	52.023	ug/l #	89
44) Trichloroethene	9.217	130	339297	49.517	ug/l	75
45) 1,2-Dichloropropane	9.494	63	271143	50.590	ug/l	100
46) Dibromomethane	9.579	93	221809	50.734	ug/l #	77
47) Bromodichloromethane	9.764	83	424900	52.298	ug/l #	97
48) Methyl methacrylate	9.563	41	227753	53.646	ug/l #	83
49) 1,4-Dioxane	9.574	88	104526	1018.602	ug/l #	80
51) 4-Methyl-2-Pentanone	10.333	43	1686854	269.547	ug/l	89
52) Toluene	10.507	92	827338	53.260	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	409916	51.368	ug/l	97
54) cis-1,3-Dichloropropene	10.191	75	426741	49.357	ug/l #	83
55) 1,1,2-Trichloroethane	10.902	97	323409	52.099	ug/l	94
56) Ethyl methacrylate	10.765	69	444386	55.745	ug/l #	79
57) 1,3-Dichloropropane	11.046	76	493130	51.577	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	361890	214.887	ug/l #	83
59) 2-Hexanone	11.089	43	1192517	274.432	ug/l	87
60) Dibromochloromethane	11.240	129	388105	55.418	ug/l	99
61) 1,2-Dibromoethane	11.347	107	350367	54.423	ug/l	99
64) Tetrachloroethene	10.979	164	346618	49.389	ug/l	87
65) Chlorobenzene	11.773	112	935078	50.318	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	377560	53.862	ug/l	98
67) Ethyl Benzene	11.848	91	1585902	51.737	ug/l	92
68) m/p-Xylenes	11.956	106	1296980	105.771	ug/l	79
69) o-Xylene	12.283	106	631823	53.328	ug/l	80
70) Styrene	12.296	104	1048344	55.280	ug/l #	89
71) Bromoform	12.460	173	332342	59.118	ug/l #	99
73) Isopropylbenzene	12.581	105	1615733	47.955	ug/l	94
74) N-amyl acetate	12.390	43	425032	48.446	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	466653	46.182	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	341323m	43.348	ug/l	
77) Bromobenzene	12.865	156	455998	49.126	ug/l	52
78) n-propylbenzene	12.924	91	1743318	48.235	ug/l	91
79) 2-Chlorotoluene	13.010	91	1055337	47.215	ug/l	82
80) 1,3,5-Trimethylbenzene	13.061	105	1338085	49.092	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.629	75	105829	44.033	ug/l	86
82) 4-Chlorotoluene	13.109	91	1034509	47.684	ug/l	83
83) tert-Butylbenzene	13.326	119	1178425	48.688	ug/l	82
84) 1,2,4-Trimethylbenzene	13.369	105	1320825	49.640	ug/l	89
85) sec-Butylbenzene	13.503	105	1533742	48.126	ug/l	91
86) p-Isopropyltoluene	13.618	119	1315869	50.021	ug/l	89
87) 1,3-Dichlorobenzene	13.618	146	788888	49.842	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	766007	47.771	ug/l	92
89) n-Butylbenzene	13.946	91	915665	46.661	ug/l	96
90) Hexachloroethane	14.214	117	242503	49.684	ug/l	66
91) 1,2-Dichlorobenzene	13.991	146	747673	49.615	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	72752	47.535	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.265	180	335202	42.822	ug/l	97
94) Hexachlorobutadiene	15.372	225	184025	45.090	ug/l	99
95) Naphthalene	15.507	128	764144	41.688	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	318830	42.919	ug/l	97

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

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