

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081821\
 Data File : VN068206.D
 Acq On : 18 Aug 2021 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/19/2021 6:17:34 PM

Quant Time: Aug 19 03:08:51 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	572328	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.971	114	884254	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	856036	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	460023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	307481	50.317	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.640%			
35) Dibromofluoromethane	8.024	113	280250	50.481	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.960%			
50) Toluene-d8	10.443	98	1098654	51.937	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.880%			
62) 4-Bromofluorobenzene	12.733	95	373753	53.076	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 106.160%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	206983	45.642	ug/l	97
3) Chloromethane	2.303	50	230039	44.898	ug/l	99
4) Vinyl Chloride	2.443	62	376782	46.932	ug/l	96
5) Bromomethane	2.840	94	330347	52.287	ug/l	100
6) Chloroethane	3.009	64	281756	59.066	ug/l	98
7) Trichlorofluoromethane	3.368	101	744079	47.145	ug/l	99
8) Diethyl Ether	3.821	74	254688	69.570	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.202	101	232064	48.091	ug/l #	84
10) Methyl Iodide	4.417	142	343651	50.083	ug/l #	88
11) Tert butyl alcohol	5.393	59	193290	253.638	ug/l #	86
12) 1,1-Dichloroethene	4.173	96	219663	47.344	ug/l #	73
13) Acrolein	4.039	56	137868	275.891	ug/l	99
14) Allyl chloride	4.835	41	286874	48.371	ug/l #	94
15) Acrylonitrile	5.559	53	550810	256.544	ug/l	99
16) Acetone	4.291	43	428092	239.935	ug/l #	88
17) Carbon Disulfide	4.524	76	568442	47.393	ug/l	100
18) Methyl Acetate	4.859	43	251483	55.602	ug/l #	85
19) Methyl tert-butyl Ether	5.624	73	772747	51.660	ug/l	96
20) Methylene Chloride	5.093	84	261339	53.077	ug/l #	79
21) trans-1,2-Dichloroethene	5.594	96	254132	48.924	ug/l #	80
22) Diisopropyl ether	6.501	45	678934	52.404	ug/l #	92
23) Vinyl Acetate	6.439	43	2643692m	262.147	ug/l	
24) 1,1-Dichloroethane	6.388	63	419514	48.464	ug/l	97
25) 2-Butanone	7.340	43	709806	255.276	ug/l #	85
26) 2,2-Dichloropropane	7.327	77	326016	43.956	ug/l	88
27) cis-1,2-Dichloroethene	7.327	96	305395	49.101	ug/l	75
28) Bromochloromethane	7.659	49	182443	47.930	ug/l #	41
29) Tetrahydrofuran	7.689	42	469962	264.283	ug/l #	78
30) Chloroform	7.820	83	511579	49.612	ug/l	100
31) Cyclohexane	8.094	56	376545	46.782	ug/l #	81
32) 1,1,1-Trichloroethane	8.016	97	474392	51.587	ug/l	94
36) 1,1-Dichloropropene	8.222	75	360590	49.885	ug/l	91
37) Ethyl Acetate	7.418	43	299973	48.712	ug/l	95
38) Carbon Tetrachloride	8.206	117	436689	52.379	ug/l	97
39) Methylcyclohexane	9.461	83	434989	53.283	ug/l #	84
40) Benzene	8.461	78	1109428	50.286	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	145607	51.790	ug/l #	85
42) 1,2-Dichloroethane	8.534	62	373737	49.731	ug/l	92
43) Isopropyl Acetate	8.566	43	529158	53.644	ug/l #	90
44) Trichloroethene	9.217	130	323325	48.733	ug/l	77
45) 1,2-Dichloropropane	9.491	63	264197	50.911	ug/l	98
46) Dibromomethane	9.579	93	214048	50.564	ug/l #	77
47) Bromodichloromethane	9.765	83	407223	51.766	ug/l #	97
48) Methyl methacrylate	9.563	41	236211	57.463	ug/l #	85
49) 1,4-Dioxane	9.571	88	102545	1032.074	ug/l #	79
51) 4-Methyl-2-Pentanone	10.333	43	1627221	268.547	ug/l	90
52) Toluene	10.507	92	784934	52.188	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	413463	53.512	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	434081	51.853	ug/l #	82
55) 1,1,2-Trichloroethane	10.902	97	311871	51.888	ug/l	94
56) Ethyl methacrylate	10.765	69	423422	54.857	ug/l #	80
57) 1,3-Dichloropropane	11.047	76	475495	51.363	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	383943	233.678	ug/l #	83
59) 2-Hexanone	11.087	43	1152538	273.931	ug/l	86
60) Dibromochloromethane	11.240	129	373823	55.130	ug/l	100
61) 1,2-Dibromoethane	11.350	107	333926	53.570	ug/l	100
64) Tetrachloroethene	10.980	164	317420	47.954	ug/l #	88
65) Chlorobenzene	11.773	112	871050	49.697	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	358241	54.185	ug/l	98
67) Ethyl Benzene	11.848	91	1503614	52.008	ug/l	93
68) m/p-Xylenes	11.956	106	1231556	106.487	ug/l	78
69) o-Xylene	12.283	106	597881	53.504	ug/l	79
70) Styrene	12.296	104	981333	54.865	ug/l #	89
71) Bromoform	12.460	173	305948	57.702	ug/l #	98
73) Isopropylbenzene	12.581	105	1532658	46.846	ug/l	94
74) N-amyl acetate	12.390	43	407627	47.847	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	445202	45.373	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	316799m	41.433	ug/l	
77) Bromobenzene	12.862	156	430886	47.804	ug/l	53
78) n-propylbenzene	12.924	91	1655445	47.169	ug/l	90
79) 2-Chlorotoluene	13.010	91	986971	45.473	ug/l	80
80) 1,3,5-Trimethylbenzene	13.063	105	1303464	49.248	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.629	75	115483	49.482	ug/l #	85
82) 4-Chlorotoluene	13.106	91	977785	46.413	ug/l	83
83) tert-Butylbenzene	13.326	119	1156401	49.202	ug/l	83
84) 1,2,4-Trimethylbenzene	13.369	105	1271157	49.198	ug/l	89
85) sec-Butylbenzene	13.506	105	1536599	49.653	ug/l	91
86) p-Isopropyltoluene	13.619	119	1323701	51.819	ug/l	89
87) 1,3-Dichlorobenzene	13.619	146	761640	49.555	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	741178	47.601	ug/l	92
89) n-Butylbenzene	13.946	91	939657	49.311	ug/l	95
90) Hexachloroethane	14.214	117	238936	50.412	ug/l	63
91) 1,2-Dichlorobenzene	13.991	146	731353	49.979	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.606	75	72707	48.922	ug/l #	31
93) 1,2,4-Trichlorobenzene	15.265	180	339493	44.548	ug/l	97
94) Hexachlorobutadiene	15.373	225	196794	49.656	ug/l	99
95) Naphthalene	15.509	128	777715	43.532	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	320238	44.296	ug/l	96

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

