

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082021\
 Data File : VN068235.D
 Acq On : 20 Aug 2021 10:42
 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
 8/24/2021 6:17:12 PM

Quant Time: Aug 20 15:13:42 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	8.086	168	654252	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	928682	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	896964	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	454191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	277518	39.727	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	79.460%		
35) Dibromofluoromethane	8.021	113	257963	44.244	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	88.480%		
50) Toluene-d8	10.443	98	997289	44.890	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	89.780%		
62) 4-Bromofluorobenzene	12.733	95	340541	46.046	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.100%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	241322	46.551	ug/l	100
3) Chloromethane	2.301	50	243757	41.619	ug/l	98
4) Vinyl Chloride	2.443	62	380549	41.466	ug/l	95
5) Bromomethane	2.837	94	328876	45.111	ug/l	97
6) Chloroethane	3.009	64	277053	50.161	ug/l	97
7) Trichlorofluoromethane	3.368	101	766882	42.506	ug/l	99
8) Diethyl Ether	3.821	74	241788	57.776	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.202	101	253060	45.875	ug/l #	83
10) Methyl Iodide	4.414	142	369391	47.093	ug/l #	88
11) Tert butyl alcohol	5.393	59	198419	227.766	ug/l	99
12) 1,1-Dichloroethene	4.173	96	228331	43.050	ug/l #	73
13) Acrolein	4.041	56	162208	284.246	ug/l	100
14) Allyl chloride	4.835	41	298653	44.052	ug/l #	93
15) Acrylonitrile	5.559	53	576923	235.059	ug/l	99
16) Acetone	4.291	43	544641	267.034	ug/l #	86
17) Carbon Disulfide	4.519	76	593269	43.269	ug/l	99
18) Methyl Acetate	4.856	43	256124	49.160	ug/l #	84
19) Methyl tert-butyl Ether	5.621	73	810460	47.396	ug/l	96
20) Methylene Chloride	5.090	84	274292	48.550	ug/l #	80
21) trans-1,2-Dichloroethene	5.597	96	261455	44.031	ug/l #	77
22) Diisopropyl ether	6.500	45	701257	47.349	ug/l #	93
23) Vinyl Acetate	6.436	43	2776435	240.836	ug/l #	88
24) 1,1-Dichloroethane	6.385	63	435584	44.019	ug/l	96
25) 2-Butanone	7.340	43	788627	248.109	ug/l #	83
26) 2,2-Dichloropropane	7.327	77	416444	49.117	ug/l	90
27) cis-1,2-Dichloroethene	7.327	96	318379	44.779	ug/l	75
28) Bromochloromethane	7.659	49	199229	45.786	ug/l #	40
29) Tetrahydrofuran	7.689	42	488295	240.209	ug/l #	79
30) Chloroform	7.817	83	524058	44.458	ug/l	98
31) Cyclohexane	8.094	56	396078	43.047	ug/l #	81
32) 1,1,1-Trichloroethane	8.013	97	487678	46.391	ug/l	94
36) 1,1-Dichloropropene	8.222	75	376266	49.563	ug/l	91
37) Ethyl Acetate	7.415	43	304251	47.043	ug/l #	94
38) Carbon Tetrachloride	8.206	117	444409	50.755	ug/l	97
39) Methylcyclohexane	9.461	83	485978	56.680	ug/l #	85
40) Benzene	8.461	78	1161209	50.115	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	146875	49.741	ug/l #	82
42) 1,2-Dichloroethane	8.531	62	390427	49.467	ug/l	92
43) Isopropyl Acetate	8.563	43	523421	50.524	ug/l #	89
44) Trichloroethene	9.217	130	343103	49.240	ug/l	76
45) 1,2-Dichloropropane	9.491	63	272088	49.923	ug/l	99
46) Dibromomethane	9.579	93	223840	50.348	ug/l #	74
47) Bromodichloromethane	9.764	83	425433	51.494	ug/l #	98
48) Methyl methacrylate	9.561	41	228923	53.026	ug/l #	82
49) 1,4-Dioxane	9.571	88	107193	1027.242	ug/l #	79
51) 4-Methyl-2-Pentanone	10.333	43	1672137	262.758	ug/l	88
52) Toluene	10.507	92	817890	51.778	ug/l	99
53) t-1,3-Dichloropropene	10.722	75	444176	54.737	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	465881	52.989	ug/l #	82
55) 1,1,2-Trichloroethane	10.899	97	327298	51.849	ug/l	93
56) Ethyl methacrylate	10.762	69	441735	54.492	ug/l #	79
57) 1,3-Dichloropropane	11.046	76	493244	50.732	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	353209	206.997	ug/l #	82
59) 2-Hexanone	11.087	43	1200485	271.677	ug/l	85
60) Dibromochloromethane	11.240	129	390832	54.881	ug/l	100
61) 1,2-Dibromoethane	11.347	107	348660	53.258	ug/l	99
64) Tetrachloroethene	10.979	164	353995	51.039	ug/l	89
65) Chlorobenzene	11.773	112	927243	50.489	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	376264	54.314	ug/l	98
67) Ethyl Benzene	11.848	91	1576309	52.035	ug/l	92
68) m/p-Xylenes	11.956	106	1289526	106.412	ug/l	78
69) o-Xylene	12.283	106	623856	53.281	ug/l	79
70) Styrene	12.296	104	1021742	54.517	ug/l #	89
71) Bromoform	12.460	173	324497	58.408	ug/l #	98
73) Isopropylbenzene	12.581	105	1609043	49.812	ug/l	94
74) N-amyl acetate	12.390	43	417742	49.664	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.830	83	455522	47.021	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	336093m	44.521	ug/l	
77) Bromobenzene	12.862	156	455519	51.186	ug/l	52
78) n-propylbenzene	12.924	91	1766956	50.993	ug/l	90
79) 2-Chlorotoluene	13.010	91	1037812	48.429	ug/l	81
80) 1,3,5-Trimethylbenzene	13.063	105	1351254	51.709	ug/l	89
81) trans-1,4-Dichloro-2-b...	12.629	75	125280	54.369	ug/l	85
82) 4-Chlorotoluene	13.109	91	1018800	48.981	ug/l	83
83) tert-Butylbenzene	13.326	119	1207753	52.047	ug/l	81
84) 1,2,4-Trimethylbenzene	13.369	105	1328815	52.090	ug/l	89
85) sec-Butylbenzene	13.503	105	1641587	53.726	ug/l	91
86) p-Isopropyltoluene	13.618	119	1410417	55.923	ug/l	89
87) 1,3-Dichlorobenzene	13.618	146	788765	51.979	ug/l	91
88) 1,4-Dichlorobenzene	13.696	146	763644	49.674	ug/l	91
89) n-Butylbenzene	13.946	91	1044787	55.532	ug/l	95
90) Hexachloroethane	14.214	117	247421	52.873	ug/l	64
91) 1,2-Dichlorobenzene	13.991	146	743751	51.478	ug/l	91
92) 1,2-Dibromo-3-Chloropr...	14.605	75	72884	49.670	ug/l #	28
93) 1,2,4-Trichlorobenzene	15.265	180	385737	50.861	ug/l	97
94) Hexachlorobutadiene	15.372	225	225961	57.748	ug/l	100
95) Naphthalene	15.509	128	877611	49.277	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	367293	51.000	ug/l	96

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

