

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092421\
 Data File : VN068635.D
 Acq On : 24 Sep 2021 12:39
 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
 9/25/2021 10:23:34 AM

Quant Time: Sep 24 17:17:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 23 13:52:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	434252	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	690544	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	680074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	318881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	301641	44.379	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.760%		
35) Dibromofluoromethane	8.021	113	230143	49.781	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.560%		
50) Toluene-d8	10.443	98	909005	46.415	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.820%		
62) 4-Bromofluorobenzene	12.731	95	371910	55.526	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	111.060%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	227887	49.088	ug/l	99
3) Chloromethane	2.301	50	279738	36.536	ug/l	100
4) Vinyl Chloride	2.443	62	316389	42.554	ug/l	98
5) Bromomethane	2.834	94	213669	74.867	ug/l	98
6) Chloroethane	3.006	64	230435	60.198	ug/l	99
7) Trichlorofluoromethane	3.371	101	380352	43.965	ug/l	99
8) Diethyl Ether	3.824	74	140780	46.323	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.213	101	216473	46.814	ug/l	91
10) Methyl Iodide	4.422	142	244370	43.965	ug/l	89
11) Tert butyl alcohol	5.366	59	212264	203.418	ug/l	99
12) 1,1-Dichloroethene	4.183	96	198889	45.280	ug/l	89
13) Acrolein	4.039	56	70027	214.835	ug/l	98
14) Allyl chloride	4.840	41	392690	43.072	ug/l	97
15) Acrylonitrile	5.551	53	645416	229.474	ug/l	100
16) Acetone	4.283	43	539493	217.946	ug/l	95
17) Carbon Disulfide	4.532	76	562266	43.175	ug/l	99
18) Methyl Acetate	4.854	43	423001	42.422	ug/l	100
19) Methyl tert-butyl Ether	5.613	73	780068	47.333	ug/l	99
20) Methylene Chloride	5.095	84	244650	47.528	ug/l	95
21) trans-1,2-Dichloroethene	5.599	96	221995	46.474	ug/l	93
22) Diisopropyl ether	6.495	45	865540	46.080	ug/l	98
23) Vinyl Acetate	6.434	43	3446048	233.066	ug/l	99
24) 1,1-Dichloroethane	6.385	63	442779	45.471	ug/l	100
25) 2-Butanone	7.332	43	918761	222.308	ug/l	100
26) 2,2-Dichloropropane	7.327	77	366056	44.056	ug/l	95
27) cis-1,2-Dichloroethene	7.329	96	265595	47.190	ug/l	90
28) Bromochloromethane	7.657	49	114370	26.358	ug/l	92
29) Tetrahydrofuran	7.683	42	608108	231.487	ug/l	100
30) Chloroform	7.820	83	464924	47.085	ug/l	100
31) Cyclohexane	8.096	56	409618	43.062	ug/l	95
32) 1,1,1-Trichloroethane	8.016	97	407360	47.126	ug/l	98
36) 1,1-Dichloropropene	8.222	75	344746	49.431	ug/l	97
37) Ethyl Acetate	7.410	43	379767	47.963	ug/l	99
38) Carbon Tetrachloride	8.206	117	367038	50.953	ug/l	99
39) Methylcyclohexane	9.462	83	419063	51.293	ug/l	96
40) Benzene	8.461	78	1014288	49.556	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	185884	44.387	ug/l	97
42) 1,2-Dichloroethane	8.531	62	386654	48.548	ug/l	98
43) Isopropyl Acetate	8.560	43	660808	48.787	ug/l	100
44) Trichloroethene	9.217	130	254522	51.597	ug/l	84
45) 1,2-Dichloropropane	9.491	63	273046	50.668	ug/l	97
46) Dibromomethane	9.577	93	195595	54.898	ug/l	92
47) Bromodichloromethane	9.762	83	382375	51.753	ug/l	98
48) Methyl methacrylate	9.563	41	331841	53.639	ug/l	96
49) 1,4-Dioxane	9.566	88	88659	982.455	ug/l	96
51) 4-Methyl-2-Pentanone	10.330	43	2127238	259.693	ug/l	100
52) Toluene	10.507	92	714124	55.055	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	442299	54.263	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	437943	51.430	ug/l	95
55) 1,1,2-Trichloroethane	10.899	97	272023	54.098	ug/l	98
56) Ethyl methacrylate	10.762	69	452320	50.291	ug/l	98
57) 1,3-Dichloropropane	11.047	76	448331	51.071	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	550838	230.491	ug/l	96
59) 2-Hexanone	11.084	43	1512610	256.789	ug/l	100
60) Dibromochloromethane	11.240	129	306929	56.483	ug/l	98
61) 1,2-Dibromoethane	11.347	107	397016	77.192	ug/l	100
64) Tetrachloroethene	10.980	164	230912	51.708	ug/l	94
65) Chlorobenzene	11.771	112	723006	50.323	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.843	131	278992	53.191	ug/l	99
67) Ethyl Benzene	11.846	91	1338046	51.118	ug/l	97
68) m/p-Xylenes	11.956	106	1012857	105.423	ug/l	89
69) o-Xylene	12.283	106	507843	53.805	ug/l	90
70) Styrene	12.296	104	810134	53.364	ug/l	96
71) Bromoform	12.460	173	214810	54.290	ug/l #	99
73) Isopropylbenzene	12.578	105	1337535	46.779	ug/l	97
74) N-amyl acetate	12.388	43	630333	51.651	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.830	83	395370	44.127	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	362957m	46.034	ug/l	
77) Bromobenzene	12.862	156	298953	45.605	ug/l	81
78) n-propylbenzene	12.921	91	1585535	48.833	ug/l	97
79) 2-Chlorotoluene	13.007	91	935406	47.684	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	1033302	46.018	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	130063	46.597	ug/l	99
82) 4-Chlorotoluene	13.106	91	907808	47.621	ug/l	94
83) tert-Butylbenzene	13.326	119	944527	46.311	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	1333773	60.930	ug/l	94
85) sec-Butylbenzene	13.503	105	1361796	49.080	ug/l	96
86) p-Isopropyltoluene	13.616	119	1201867	54.095	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	579921	52.135	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	541100	47.900	ug/l	96
89) n-Butylbenzene	13.946	91	992719	51.500	ug/l	98
90) Hexachloroethane	14.211	117	216529	49.404	ug/l	95
91) 1,2-Dichlorobenzene	13.989	146	507328	47.026	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	109886	66.179	ug/l	80
93) 1,2,4-Trichlorobenzene	15.265	180	271403	50.716	ug/l	98
94) Hexachlorobutadiene	15.373	225	140881	48.987	ug/l	98
95) Naphthalene	15.507	128	752158	49.018	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	255991	48.960	ug/l	98

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

