

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100721\
 Data File : VN068832.D
 Acq On : 7 Oct 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
 10/8/2021 6:03:13 PM

Quant Time: Oct 08 05:54:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 14:41:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	456874	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.968	114	774291	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	767030	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	348378	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	337250	50.23	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.46%			
35) Dibromofluoromethane	8.024	113	257307	50.59	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.18%			
50) Toluene-d8	10.443	98	1045135	52.69	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.38%			
62) 4-Bromofluorobenzene	12.733	95	365542	48.87	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.74%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	194783	52.16	ug/l	99
3) Chloromethane	2.303	50	184588	50.34	ug/l	97
4) Vinyl Chloride	2.445	62	349773	47.77	ug/l	97
5) Bromomethane	2.842	94	322778	44.59	ug/l	98
6) Chloroethane	3.011	64	315309	51.49	ug/l	98
7) Trichlorofluoromethane	3.373	101	336016	51.30	ug/l	99
8) Diethyl Ether	3.827	74	118120	49.21	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.215	101	198019	48.66	ug/l	94
10) Methyl Iodide	4.427	142	223219	46.50	ug/l	# 91
11) Tert butyl alcohol	5.358	59	194935	244.24	ug/l	98
12) 1,1-Dichloroethene	4.186	96	164020	50.19	ug/l	82
13) Acrolein	4.044	56	97802	225.81	ug/l	98
14) Allyl chloride	4.846	41	273158	46.46	ug/l	# 88
15) Acrylonitrile	5.551	53	514214	246.12	ug/l	99
16) Acetone	4.285	43	520464	286.62	ug/l	97
17) Carbon Disulfide	4.535	76	315427	47.45	ug/l	98
18) Methyl Acetate	4.854	43	315190	47.48	ug/l	92
19) Methyl tert-butyl Ether	5.615	73	737237	48.96	ug/l	98
20) Methylene Chloride	5.101	84	218724	50.55	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	186066	49.17	ug/l	85
22) Diisopropyl ether	6.495	45	715201	50.12	ug/l	# 93
23) Vinyl Acetate	6.433	43	2801415	251.42	ug/l	95
24) 1,1-Dichloroethane	6.391	63	395373	47.78	ug/l	98
25) 2-Butanone	7.332	43	765563	249.78	ug/l	91
26) 2,2-Dichloropropane	7.327	77	383229	48.37	ug/l	94
27) cis-1,2-Dichloroethene	7.329	96	260506	48.65	ug/l	84
28) Bromochloromethane	7.662	49	242417	53.91	ug/l	# 74
29) Tetrahydrofuran	7.681	42	461306	246.35	ug/l	89
30) Chloroform	7.817	83	483307	49.26	ug/l	97
31) Cyclohexane	8.096	56	301008	49.98	ug/l	88
32) 1,1,1-Trichloroethane	8.016	97	427779	48.99	ug/l	98
36) 1,1-Dichloropropene	8.222	75	303136	49.53	ug/l	96
37) Ethyl Acetate	7.410	43	306498	52.44	ug/l	98
38) Carbon Tetrachloride	8.209	117	367117	49.80	ug/l	99
39) Methylcyclohexane	9.461	83	340966	49.75	ug/l	90
40) Benzene	8.461	78	946118	49.48	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	147217	50.36	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	389907	51.33	ug/l	97
43) Isopropyl Acetate	8.560	43	556844	52.42	ug/l	96
44) Trichloroethene	9.217	130	248891	50.27	ug/l	85
45) 1,2-Dichloropropane	9.491	63	253900	51.22	ug/l	100
46) Dibromomethane	9.579	93	198432	51.49	ug/l	95
47) Bromodichloromethane	9.764	83	403970	52.17	ug/l	98
48) Methyl methacrylate	9.561	41	235822	51.97	ug/l #	82
49) 1,4-Dioxane	9.569	88	100172	1014.37	ug/l	85
51) 4-Methyl-2-Pentanone	10.330	43	1737343	256.87	ug/l	97
52) Toluene	10.507	92	665153	51.72	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	425184	53.73	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	427496	52.51	ug/l	94
55) 1,1,2-Trichloroethane	10.899	97	285722	53.25	ug/l	97
56) Ethyl methacrylate	10.762	69	408973	54.27	ug/l	93
57) 1,3-Dichloropropane	11.046	76	447752	52.03	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	585822	282.04	ug/l	91
59) 2-Hexanone	11.087	43	1282046	262.82	ug/l	96
60) Dibromochloromethane	11.240	129	326842	54.33	ug/l	100
61) 1,2-Dibromoethane	11.347	107	285085	52.26	ug/l	100
64) Tetrachloroethene	10.979	164	225455	49.15	ug/l	92
65) Chlorobenzene	11.771	112	741394	49.77	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	303734	52.03	ug/l	98
67) Ethyl Benzene	11.846	91	1347486	50.49	ug/l	97
68) m/p-Xylenes	11.956	106	1017485	100.27	ug/l	87
69) o-Xylene	12.283	106	508544	50.32	ug/l	88
70) Styrene	12.296	104	868567	51.62	ug/l	93
71) Bromoform	12.460	173	223372	52.09	ug/l #	99
73) Isopropylbenzene	12.581	105	1380461	50.16	ug/l	98
74) N-amyl acetate	12.390	43	475830	51.09	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	413156	49.83	ug/l	100
76) 1,2,3-Trichloropropane	12.881	75	331342m	48.25	ug/l	
77) Bromobenzene	12.862	156	317375	50.64	ug/l	73
78) n-propylbenzene	12.921	91	1598549	51.06	ug/l	96
79) 2-Chlorotoluene	13.010	91	934210	50.11	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	1156295	50.78	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.626	75	125164	52.80	ug/l	95
82) 4-Chlorotoluene	13.106	91	919582	49.71	ug/l	91
83) tert-Butylbenzene	13.326	119	1001712	49.81	ug/l	91
84) 1,2,4-Trimethylbenzene	13.369	105	1152071	51.57	ug/l	95
85) sec-Butylbenzene	13.503	105	1450274	50.66	ug/l	96
86) p-Isopropyltoluene	13.616	119	1187415	51.25	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	583162	49.58	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	572254	49.31	ug/l	96
89) n-Butylbenzene	13.943	91	1012463	51.79	ug/l	97
90) Hexachloroethane	14.211	117	230462	51.44	ug/l	98
91) 1,2-Dichlorobenzene	13.989	146	562047	49.66	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.605	75	71617	50.56	ug/l	74
93) 1,2,4-Trichlorobenzene	15.265	180	264645	51.08	ug/l	98
94) Hexachlorobutadiene	15.372	225	140102	50.62	ug/l	98
95) Naphthalene	15.509	128	694239	50.21	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	253546	53.63	ug/l	98

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

