

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101321\
 Data File : VN068914.D
 Acq On : 13 Oct 2021 22:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/14/2021 2:30:32 PM

Quant Time: Oct 14 06:45:10 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 05:44:40 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	352002	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	589755	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	540362	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	243543	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	221449	47.72	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.44%		
35) Dibromofluoromethane	8.024	113	177885	51.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.68%		
50) Toluene-d8	10.443	98	707942	51.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.14%		
62) 4-Bromofluorobenzene	12.733	95	259088	50.02	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.04%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	178338	40.92	ug/l	100
3) Chloromethane	2.301	50	196379	45.64	ug/l	100
4) Vinyl Chloride	2.443	62	223916	51.24	ug/l	100
5) Bromomethane	2.840	94	127347	52.98	ug/l	99
6) Chloroethane	3.009	64	135816	52.74	ug/l	98
7) Trichlorofluoromethane	3.371	101	285913	46.72	ug/l	98
8) Diethyl Ether	3.827	74	104849	45.94	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.213	101	151856	46.15	ug/l	97
10) Methyl Iodide	4.425	142	207954	43.55	ug/l	99
11) Tert butyl alcohol	5.366	59	174708	206.01	ug/l	100
12) 1,1-Dichloroethene	4.186	96	154396	45.39	ug/l	95
13) Acrolein	4.044	56	67958	181.15	ug/l	99
14) Allyl chloride	4.846	41	267109	43.81	ug/l	98
15) Acrylonitrile	5.554	53	437079	230.02	ug/l	100
16) Acetone	4.285	43	338507	195.45	ug/l	97
17) Carbon Disulfide	4.532	76	411987	44.63	ug/l	100
18) Methyl Acetate	4.854	43	303483	46.20	ug/l	99
19) Methyl tert-butyl Ether	5.615	73	599588	47.34	ug/l	99
20) Methylene Chloride	5.100	84	181083	45.43	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	166779	45.39	ug/l	98
22) Diisopropyl ether	6.495	45	602428	47.51	ug/l	98
23) Vinyl Acetate	6.433	43	2253889	235.13	ug/l	99
24) 1,1-Dichloroethane	6.391	63	318376	46.21	ug/l	99
25) 2-Butanone	7.335	43	588112	224.56	ug/l	96
26) 2,2-Dichloropropane	7.327	77	258936	39.44	ug/l	99
27) cis-1,2-Dichloroethene	7.329	96	201853	45.44	ug/l	97
28) Bromochloromethane	7.659	49	142504	45.67	ug/l	96
29) Tetrahydrofuran	7.683	42	407430	239.84	ug/l	99
30) Chloroform	7.820	83	347279	47.83	ug/l	100
31) Cyclohexane	8.099	56	300548	41.65	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	318688	47.09	ug/l	99
36) 1,1-Dichloropropene	8.225	75	248356	49.30	ug/l	99
37) Ethyl Acetate	7.412	43	256349	49.27	ug/l	100
38) Carbon Tetrachloride	8.209	117	273702	49.47	ug/l	98
39) Methylcyclohexane	9.461	83	305870	47.18	ug/l	98
40) Benzene	8.461	78	763435	49.77	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	126076	48.07	ug/l	95
42) 1,2-Dichloroethane	8.531	62	270360	49.77	ug/l	99
43) Isopropyl Acetate	8.560	43	457223	49.81	ug/l	99
44) Trichloroethene	9.217	130	192524	50.15	ug/l	100
45) 1,2-Dichloropropane	9.491	63	196413	49.35	ug/l	98
46) Dibromomethane	9.579	93	136401	50.20	ug/l	98
47) Bromodichloromethane	9.764	83	283553	50.36	ug/l	99
48) Methyl methacrylate	9.561	41	194447	45.08	ug/l	90
49) 1,4-Dioxane	9.569	88	73116	874.41	ug/l	95
51) 4-Methyl-2-Pentanone	10.333	43	1343395	252.39	ug/l	100
52) Toluene	10.507	92	509503	51.63	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	310442	48.68	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	320176	48.25	ug/l	99
55) 1,1,2-Trichloroethane	10.899	97	196677	50.55	ug/l	98
56) Ethyl methacrylate	10.762	69	326605	49.99	ug/l	99
57) 1,3-Dichloropropane	11.046	76	327531	51.05	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	438816	229.97	ug/l	98
59) 2-Hexanone	11.087	43	959776	251.44	ug/l	99
60) Dibromochloromethane	11.240	129	226118	51.48	ug/l	99
61) 1,2-Dibromoethane	11.347	107	206776	51.81	ug/l	99
64) Tetrachloroethene	10.979	164	179413	51.54	ug/l	98
65) Chlorobenzene	11.773	112	526404	51.48	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.843	131	207591	51.87	ug/l	99
67) Ethyl Benzene	11.846	91	985367	51.88	ug/l	99
68) m/p-Xylenes	11.956	106	751518	104.37	ug/l	99
69) o-Xylene	12.283	106	375916	52.16	ug/l	100
70) Styrene	12.296	104	627463	53.48	ug/l	99
71) Bromoform	12.460	173	170153	53.07	ug/l #	99
73) Isopropylbenzene	12.581	105	977852	48.24	ug/l	100
74) N-amyl acetate	12.390	43	383195	49.90	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	292245	49.89	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	242169m	46.73	ug/l	
77) Bromobenzene	12.862	156	226073	50.43	ug/l	95
78) n-propylbenzene	12.921	91	1106452	48.57	ug/l	99
79) 2-Chlorotoluene	13.010	91	679851	48.42	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	817070	48.39	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.626	75	96944	44.76	ug/l	99
82) 4-Chlorotoluene	13.106	91	676175	49.83	ug/l	100
83) tert-Butylbenzene	13.326	119	710664	48.35	ug/l	100
84) 1,2,4-Trimethylbenzene	13.369	105	808873	49.72	ug/l	100
85) sec-Butylbenzene	13.503	105	994340	48.85	ug/l	100
86) p-Isopropyltoluene	13.618	119	806449	49.39	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	403154	52.00	ug/l	99
88) 1,4-Dichlorobenzene	13.696	146	393702	51.16	ug/l	100
89) n-Butylbenzene	13.946	91	661938	48.70	ug/l	100
90) Hexachloroethane	14.211	117	159641	46.55	ug/l	94
91) 1,2-Dichlorobenzene	13.991	146	395117	52.46	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.605	75	56042	49.62	ug/l	97
93) 1,2,4-Trichlorobenzene	15.265	180	182122	44.81	ug/l	98
94) Hexachlorobutadiene	15.372	225	104196	48.58	ug/l	99
95) Naphthalene	15.507	128	506093	45.18	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	174949	45.21	ug/l	99

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

