

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032921\
 Data File : VN066389.D
 Acq On : 29 Mar 2021 20:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/30/2021 7:51:17 PM

Quant Time: Mar 30 01:41:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 26 16:26:01 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	453546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	715163	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	684270	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	307054	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	307321	50.97	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.94%			
35) Dibromofluoromethane	7.507	113	238643	50.34	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.68%			
50) Toluene-d8	10.028	98	922523	51.30	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.60%			
62) 4-Bromofluorobenzene	12.345	95	327049	52.36	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.72%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.816	85	286112	50.08	ug/l	99
3) Chloromethane	2.017	50	329698	54.69	ug/l	100
4) Vinyl Chloride	2.143	62	352891	53.98	ug/l	99
5) Bromomethane	2.502	94	240266	54.79	ug/l	99
6) Chloroethane	2.644	64	223311	54.79	ug/l	99
7) Trichlorofluoromethane	2.958	101	481226	53.52	ug/l	98
8) Diethyl Ether	3.342	74	191991	52.42	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.677	101	269732	53.14	ug/l	98
10) Methyl Iodide	3.865	142	381726	53.00	ug/l	100
11) Tert butyl alcohol	4.709	59	267924	291.38	ug/l #	84
12) 1,1-Dichloroethene	3.655	96	270283	51.99	ug/l	100
13) Acrolein	3.532	56	113540	238.07	ug/l	99
14) Allyl chloride	4.224	41	564465	54.91	ug/l	99
15) Acrylonitrile	4.881	53	698056	272.23	ug/l	99
16) Acetone	3.736	43	829217	254.56	ug/l	100
17) Carbon Disulfide	3.961	76	810686	52.82	ug/l	100
18) Methyl Acetate	4.235	43	511398	60.11	ug/l	99
19) Methyl tert-butyl Ether	4.943	73	765245	49.66	ug/l	98
20) Methylene Chloride	4.449	84	326225	57.37	ug/l	98
21) trans-1,2-Dichloroethene	4.924	96	231686	49.16	ug/l	99
22) Diisopropyl ether	5.860	45	852066	53.13	ug/l	98
23) Vinyl Acetate	5.796	43	3716212	272.17	ug/l	99
24) 1,1-Dichloroethane	5.742	63	453694	51.22	ug/l	99
25) 2-Butanone	6.745	43	990366	278.13	ug/l	99
26) 2,2-Dichloropropane	6.724	77	364268	46.15	ug/l	99
27) cis-1,2-Dichloroethene	6.729	96	277914	50.55	ug/l	100
28) Bromochloromethane	7.102	49	241231	54.05	ug/l	98
29) Tetrahydrofuran	7.126	42	659522	283.86	ug/l	100
30) Chloroform	7.284	83	462466	52.26	ug/l	97
31) Cyclohexane	7.566	56	417916	50.08	ug/l	100
32) 1,1,1-Trichloroethane	7.483	97	400684	51.53	ug/l	99
36) 1,1-Dichloropropene	7.708	75	340776	50.72	ug/l	99
37) Ethyl Acetate	6.842	43	407418	55.10	ug/l	100
38) Carbon Tetrachloride	7.689	117	338647	50.14	ug/l	99
39) Methylcyclohexane	9.009	83	411189	50.21	ug/l	99
40) Benzene	7.960	78	1053978	51.94	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.078	41	189712	51.71	ug/l	96
42) 1,2-Dichloroethane	8.046	62	369694	50.86	ug/l	100
43) Isopropyl Acetate	8.094	43	678286	53.67	ug/l	100
44) Trichloroethene	8.765	130	264916	49.64	ug/l	100
45) 1,2-Dichloropropane	9.049	63	284262	52.59	ug/l	100
46) Dibromomethane	9.140	93	184430	52.04	ug/l	99
47) Bromodichloromethane	9.336	83	376789	51.49	ug/l	97
48) Methyl methacrylate	9.135	41	315665	52.49	ug/l	98
49) 1,4-Dioxane	9.135	88	83118	1099.61	ug/l	99
51) 4-Methyl-2-Pentanone	9.920	43	2107792	285.35	ug/l	100
52) Toluene	10.092	92	664363	53.34	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	409748	51.55	ug/l	100
54) cis-1,3-Dichloropropene	9.776	75	440030	51.55	ug/l	98
55) 1,1,2-Trichloroethane	10.500	97	265385	52.99	ug/l	98
56) Ethyl methacrylate	10.368	69	423286	55.11	ug/l	98
57) 1,3-Dichloropropane	10.647	76	445346	53.59	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	280461	323.35	ug/l	100
59) 2-Hexanone	10.693	43	1521926	294.09	ug/l	99
60) Dibromochloromethane	10.843	129	297314	53.46	ug/l	99
61) 1,2-Dibromoethane	10.945	107	280388	53.70	ug/l	100
64) Tetrachloroethene	10.572	164	243064	41.74	ug/l	98
65) Chlorobenzene	11.374	112	701174	51.41	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	263349	50.13	ug/l	98
67) Ethyl Benzene	11.452	91	1284426	51.87	ug/l	100
68) m/p-Xylenes	11.562	106	960906	102.13	ug/l	99
69) o-Xylene	11.892	106	468176	51.57	ug/l	98
70) Styrene	11.905	104	776728	52.77	ug/l	99
71) Bromoform	12.069	173	228829	52.38	ug/l #	100
73) Isopropylbenzene	12.192	105	1243890	54.46	ug/l	100
74) N-amyl acetate	12.015	43	481587	53.39	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.447	83	404033	55.55	ug/l	97
76) 1,2,3-Trichloropropane	12.498	75	361064m	53.59	ug/l	
77) Bromobenzene	12.468	156	309204	53.61	ug/l	98
78) n-propylbenzene	12.535	91	1374413	55.35	ug/l	99
79) 2-Chlorotoluene	12.616	91	814673	53.35	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	983949	52.67	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	129849	57.96	ug/l	99
82) 4-Chlorotoluene	12.715	91	812069	53.44	ug/l	99
83) tert-Butylbenzene	12.938	119	854392	53.13	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	951564	52.43	ug/l	100
85) sec-Butylbenzene	13.115	105	1132506	54.35	ug/l	100
86) p-Isopropyltoluene	13.233	119	982954	52.68	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	497501	51.41	ug/l	100
88) 1,4-Dichlorobenzene	13.308	146	499919	49.75	ug/l	99
89) n-Butylbenzene	13.560	91	796877	51.69	ug/l	100
90) Hexachloroethane	13.815	117	184198	54.73	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	466334	49.01	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.214	75	71352	51.16	ug/l	97
93) 1,2,4-Trichlorobenzene	14.850	180	282289	47.84	ug/l	99
94) Hexachlorobutadiene	14.949	225	147187	45.73	ug/l	99
95) Naphthalene	15.070	128	833528	48.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.250	180	277981	46.87	ug/l	99

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

