

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066341.D
 Acq On : 26 Mar 2021 11:22
 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
 3/31/2021 3:38:41 PM

Quant Time: Mar 27 01:46:04 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	441386	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	669793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	600779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	308272	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	286680	48.86	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.72%		
35) Dibromofluoromethane	7.507	113	219678	49.47	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.94%		
50) Toluene-d8	10.025	98	848264	50.37	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.74%		
62) 4-Bromofluorobenzene	12.342	95	295978	50.59	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.18%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.818	85	291795	52.48	ug/l	99
3) Chloromethane	2.014	50	313710	53.45	ug/l	100
4) Vinyl Chloride	2.145	62	327790	51.52	ug/l	99
5) Bromomethane	2.507	94	222705	52.18	ug/l	100
6) Chloroethane	2.650	64	202122	50.96	ug/l	97
7) Trichlorofluoromethane	2.961	101	456675	52.19	ug/l	100
8) Diethyl Ether	3.344	74	179177	50.27	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.680	101	255611	51.74	ug/l	99
10) Methyl Iodide	3.867	142	351057	50.09	ug/l	100
11) Tert butyl alcohol	4.717	59	218683	244.38	ug/l #	85
12) 1,1-Dichloroethene	3.655	96	254938	50.39	ug/l	100
13) Acrolein	3.532	56	125332	275.65	ug/l	98
14) Allyl chloride	4.224	41	520986	52.08	ug/l	99
15) Acrylonitrile	4.878	53	630449	252.63	ug/l	98
16) Acetone	3.739	43	770284	242.98	ug/l	100
17) Carbon Disulfide	3.964	76	757507	50.72	ug/l	99
18) Methyl Acetate	4.235	43	424365	51.25	ug/l	99
19) Methyl tert-butyl Ether	4.943	73	746009	49.74	ug/l	97
20) Methylene Chloride	4.449	84	291014	52.47	ug/l	98
21) trans-1,2-Dichloroethene	4.927	96	229274	49.99	ug/l	99
22) Diisopropyl ether	5.857	45	793070	50.81	ug/l	99
23) Vinyl Acetate	5.793	43	3433833	258.42	ug/l	99
24) 1,1-Dichloroethane	5.739	63	432609	50.19	ug/l	100
25) 2-Butanone	6.745	43	851601	245.75	ug/l	99
26) 2,2-Dichloropropane	6.721	77	385079	50.13	ug/l	99
27) cis-1,2-Dichloroethene	6.729	96	266325	49.77	ug/l	99
28) Bromochloromethane	7.102	49	208768	48.06	ug/l	99
29) Tetrahydrofuran	7.126	42	565278	250.00	ug/l	100
30) Chloroform	7.284	83	436759	50.71	ug/l	100
31) Cyclohexane	7.566	56	392866	48.38	ug/l	97
32) 1,1,1-Trichloroethane	7.483	97	378526	50.02	ug/l	100
36) 1,1-Dichloropropene	7.708	75	322717	51.29	ug/l	100
37) Ethyl Acetate	6.839	43	357230	51.58	ug/l	99
38) Carbon Tetrachloride	7.689	117	322095	50.92	ug/l	98
39) Methylcyclohexane	9.009	83	397625	51.84	ug/l	99
40) Benzene	7.960	78	988211	52.00	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	169584	49.35	ug/l	97
42) 1,2-Dichloroethane	8.046	62	348987	51.26	ug/l	99
43) Isopropyl Acetate	8.091	43	612312	51.73	ug/l	100
44) Trichloroethene	8.762	130	254933	51.00	ug/l	100
45) 1,2-Dichloropropane	9.049	63	260736	51.50	ug/l	99
46) Dibromomethane	9.137	93	172623	52.01	ug/l	99
47) Bromodichloromethane	9.336	83	356847	52.07	ug/l	98
48) Methyl methacrylate	9.135	41	291192	51.70	ug/l	98
49) 1,4-Dioxane	9.140	88	74578	1053.47	ug/l	97
51) 4-Methyl-2-Pentanone	9.920	43	1794044	259.32	ug/l	100
52) Toluene	10.092	92	616422	52.84	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	395101	53.07	ug/l	97
54) cis-1,3-Dichloropropene	9.773	75	424451	53.09	ug/l	98
55) 1,1,2-Trichloroethane	10.500	97	244737	52.18	ug/l	98
56) Ethyl methacrylate	10.368	69	380025	52.83	ug/l	99
57) 1,3-Dichloropropane	10.645	76	407985	52.42	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.631	63	132084	175.32	ug/l	99
59) 2-Hexanone	10.693	43	1312089	270.71	ug/l	99
60) Dibromochloromethane	10.843	129	281462	54.04	ug/l	100
61) 1,2-Dibromoethane	10.945	107	255586	52.26	ug/l	100
64) Tetrachloroethene	10.569	164	263430	51.52	ug/l	99
65) Chlorobenzene	11.374	112	632456	52.82	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	249236	54.04	ug/l	100
67) Ethyl Benzene	11.452	91	1168914	53.76	ug/l	100
68) m/p-Xylenes	11.562	106	872135	105.57	ug/l	100
69) o-Xylene	11.889	106	423788	53.17	ug/l	99
70) Styrene	11.905	104	701750	54.30	ug/l	100
71) Bromoform	12.069	173	210958	55.00	ug/l #	100
73) Isopropylbenzene	12.192	105	1123806	49.01	ug/l	100
74) N-amyl acetate	12.015	43	447860	49.69	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	360303	49.34	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	343483m	50.78	ug/l	
77) Bromobenzene	12.468	156	282130	48.72	ug/l	99
78) n-propylbenzene	12.535	91	1265607	50.76	ug/l	100
79) 2-Chlorotoluene	12.616	91	746358	48.68	ug/l	100
80) 1,3,5-Trimethylbenzene	12.678	105	939051	50.07	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	113345	50.39	ug/l	96
82) 4-Chlorotoluene	12.715	91	769065	50.41	ug/l	99
83) tert-Butylbenzene	12.938	119	789228	48.88	ug/l	99
84) 1,2,4-Trimethylbenzene	12.983	105	923072	50.66	ug/l	100
85) sec-Butylbenzene	13.115	105	1058570	50.60	ug/l	100
86) p-Isopropyltoluene	13.233	119	955347	51.00	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	496962	51.15	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	513758	50.92	ug/l	99
89) n-Butylbenzene	13.560	91	811202	52.41	ug/l	99
90) Hexachloroethane	13.815	117	169986	50.31	ug/l	98
91) 1,2-Dichlorobenzene	13.595	146	500409	52.38	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.214	75	75767	54.11	ug/l	98
93) 1,2,4-Trichlorobenzene	14.850	180	315234	53.22	ug/l	100
94) Hexachlorobutadiene	14.949	225	164367	50.87	ug/l	99
95) Naphthalene	15.070	128	889471	51.43	ug/l	100
96) 1,2,3-Trichlorobenzene	15.247	180	303217	50.92	ug/l	99

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

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