

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040221\
 Data File : VN066481.D
 Acq On : 2 Apr 2021 20:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/5/2021 11:14:29 AM

Quant Time: Apr 03 03:27:36 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 01 14:08:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.579	168	348450	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.510	114	513896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	504569	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	268242	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.947	65	209338	45.19	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 90.38%			
35) Dibromofluoromethane	7.507	113	170720	50.11	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.22%			
50) Toluene-d8	10.025	98	630763	48.81	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.62%			
62) 4-Bromofluorobenzene	12.345	95	231703	51.62	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.816	85	195424	44.53	ug/l	99
3) Chloromethane	2.017	50	214561	46.17	ug/l	98
4) Vinyl Chloride	2.143	62	250492	49.87	ug/l	100
5) Bromomethane	2.502	94	177357	52.64	ug/l	100
6) Chloroethane	2.644	64	170535	54.46	ug/l	97
7) Trichlorofluoromethane	2.958	101	354586	51.33	ug/l	99
8) Diethyl Ether	3.339	74	139905	49.72	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.674	101	202246	51.86	ug/l	96
10) Methyl Iodide	3.865	142	283850	51.30	ug/l	98
11) Tert butyl alcohol	4.712	59	202490	286.64	ug/l #	83
12) 1,1-Dichloroethene	3.653	96	197915	49.56	ug/l	97
13) Acrolein	3.527	56	63549	162.09	ug/l	96
14) Allyl chloride	4.224	41	423424	53.62	ug/l	98
15) Acrylonitrile	4.878	53	454715	230.81	ug/l	99
16) Acetone	3.736	43	610516	243.95	ug/l	99
17) Carbon Disulfide	3.958	76	575325	48.79	ug/l	98
18) Methyl Acetate	4.232	43	421616	64.50	ug/l	99
19) Methyl tert-butyl Ether	4.945	73	510305	43.10	ug/l	100
20) Methylene Chloride	4.447	84	252128	57.72	ug/l	96
21) trans-1,2-Dichloroethene	4.924	96	157322	43.45	ug/l	98
22) Diisopropyl ether	5.857	45	540978	43.90	ug/l	97
23) Vinyl Acetate	5.793	43	2256201	215.08	ug/l	98
24) 1,1-Dichloroethane	5.739	63	303351	44.58	ug/l	100
25) 2-Butanone	6.745	43	627945	229.54	ug/l	99
26) 2,2-Dichloropropane	6.721	77	252163	41.58	ug/l	99
27) cis-1,2-Dichloroethene	6.726	96	188636	44.66	ug/l	96
28) Bromochloromethane	7.099	49	158220	46.14	ug/l	98
29) Tetrahydrofuran	7.126	42	420724	235.70	ug/l	98
30) Chloroform	7.281	83	321130	47.23	ug/l	99
31) Cyclohexane	7.563	56	254954	39.77	ug/l	99
32) 1,1,1-Trichloroethane	7.480	97	278337	46.59	ug/l	99
36) 1,1-Dichloropropene	7.705	75	225525	46.71	ug/l	99
37) Ethyl Acetate	6.839	43	253248	47.66	ug/l	99
38) Carbon Tetrachloride	7.686	117	237522	48.94	ug/l	98
39) Methylcyclohexane	9.009	83	259958	44.17	ug/l	99
40) Benzene	7.957	78	717614	49.22	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	117321	44.50	ug/l	98
42) 1,2-Dichloroethane	8.043	62	250847	48.03	ug/l	100
43) Isopropyl Acetate	8.091	43	426720	46.99	ug/l	100
44) Trichloroethene	8.762	130	184983	48.23	ug/l	98
45) 1,2-Dichloropropane	9.046	63	195448	50.32	ug/l	98
46) Dibromomethane	9.137	93	130603	51.28	ug/l	99
47) Bromodichloromethane	9.333	83	263978	50.20	ug/l	99
48) Methyl methacrylate	9.132	41	199741	46.22	ug/l	95
49) 1,4-Dioxane	9.135	88	62624	1152.96	ug/l	98
51) 4-Methyl-2-Pentanone	9.920	43	1382554	260.47	ug/l	99
52) Toluene	10.089	92	451145	50.40	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	272639	47.73	ug/l	98
54) cis-1,3-Dichloropropene	9.773	75	292624	47.71	ug/l	96
55) 1,1,2-Trichloroethane	10.500	97	185935	51.67	ug/l	99
56) Ethyl methacrylate	10.368	69	272357	49.34	ug/l	95
57) 1,3-Dichloropropane	10.645	76	306139	51.27	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	156980	257.53	ug/l	99
59) 2-Hexanone	10.693	43	1010226	271.66	ug/l	99
60) Dibromochloromethane	10.840	129	211250	52.86	ug/l	100
61) 1,2-Dibromoethane	10.942	107	191619	51.07	ug/l	99
64) Tetrachloroethene	10.570	164	189558	44.14	ug/l	99
65) Chlorobenzene	11.371	112	484062	48.13	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	189273	48.87	ug/l	99
67) Ethyl Benzene	11.452	91	863263	47.28	ug/l	99
68) m/p-Xylenes	11.562	106	672211	96.89	ug/l	97
69) o-Xylene	11.889	106	316685	47.31	ug/l	99
70) Styrene	11.905	104	546724	50.37	ug/l	99
71) Bromoform	12.069	173	163731	50.82	ug/l #	99
73) Isopropylbenzene	12.192	105	850778	42.64	ug/l	100
74) N-amyl acetate	12.015	43	288066	37.56	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.447	83	306815	48.29	ug/l	94
76) 1,2,3-Trichloropropane	12.495	75	267999m	45.53	ug/l	
77) Bromobenzene	12.466	156	226444	44.94	ug/l	98
78) n-propylbenzene	12.533	91	983101	45.32	ug/l	100
79) 2-Chlorotoluene	12.616	91	585955	43.92	ug/l	100
80) 1,3,5-Trimethylbenzene	12.675	105	716492	43.90	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	85411	43.64	ug/l	98
82) 4-Chlorotoluene	12.715	91	600618	45.24	ug/l	99
83) tert-Butylbenzene	12.935	119	611657	43.54	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	705543	44.50	ug/l	99
85) sec-Butylbenzene	13.115	105	818720	44.98	ug/l	100
86) p-Isopropyltoluene	13.233	119	729722	44.76	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	395821	46.82	ug/l	100
88) 1,4-Dichlorobenzene	13.305	146	384776	43.83	ug/l	99
89) n-Butylbenzene	13.557	91	605697	44.97	ug/l	99
90) Hexachloroethane	13.815	117	134002	45.58	ug/l	99
91) 1,2-Dichlorobenzene	13.595	146	388899	46.78	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.230	75	53143	43.62	ug/l	96
93) 1,2,4-Trichlorobenzene	14.979	180	217741	42.24	ug/l	99
94) Hexachlorobutadiene	15.107	225	117012	41.62	ug/l	99
95) Naphthalene	15.260	128	606047	40.50	ug/l	99
96) 1,2,3-Trichlorobenzene	15.499	180	217459	41.97	ug/l	98

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

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