

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031721\
 Data File : VN066227.D
 Acq On : 17 Mar 2021 10:30
 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
 3/18/2021 2:19:20 PM

Quant Time: Mar 18 04:41:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	276743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	417461	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	412514	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	214167	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	198682	49.83	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 99.66%			
35) Dibromofluoromethane	7.507	113	133310	50.06	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.12%			
50) Toluene-d8	10.028	98	531390	51.60	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.20%			
62) 4-Bromofluorobenzene	12.342	95	199732	53.81	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	137118	50.35	ug/l	99
3) Chloromethane	2.017	50	197148	44.91	ug/l	100
4) Vinyl Chloride	2.148	62	179412	45.65	ug/l	98
5) Bromomethane	2.518	94	99620	44.30	ug/l	96
6) Chloroethane	2.658	64	102253	44.97	ug/l	97
7) Trichlorofluoromethane	2.966	101	230047	50.00	ug/l	98
8) Diethyl Ether	3.344	74	83330	44.34	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.682	101	116489	47.78	ug/l	97
10) Methyl Iodide	3.873	142	143683	41.63	ug/l	100
11) Tert butyl alcohol	4.717	59	160447	235.75	ug/l	97
12) 1,1-Dichloroethene	3.661	96	113185	43.56	ug/l	98
13) Acrolein	3.532	56	110287	199.96	ug/l	98
14) Allyl chloride	4.229	41	315317	51.23	ug/l	96
15) Acrylonitrile	4.881	53	488921	239.87	ug/l	99
16) Acetone	3.738	43	476847	248.95	ug/l	100
17) Carbon Disulfide	3.964	76	330963	45.10	ug/l	100
18) Methyl Acetate	4.235	43	275126	51.33	ug/l	100
19) Methyl tert-butyl Ether	4.943	73	476163	47.94	ug/l	99
20) Methylene Chloride	4.452	84	136030	45.40	ug/l	97
21) trans-1,2-Dichloroethene	4.927	96	134928	46.87	ug/l	94
22) Diisopropyl ether	5.857	45	637313	50.40	ug/l	100
23) Vinyl Acetate	5.795	43	2669600	246.22	ug/l	99
24) 1,1-Dichloroethane	5.742	63	309117	49.04	ug/l	99
25) 2-Butanone	6.745	43	755087	253.81	ug/l	100
26) 2,2-Dichloropropane	6.723	77	259574	49.83	ug/l	98
27) cis-1,2-Dichloroethene	6.729	96	159875	48.18	ug/l	98
28) Bromochloromethane	7.102	49	164106	49.25	ug/l	95
29) Tetrahydrofuran	7.126	42	498435	243.29	ug/l	99
30) Chloroform	7.284	83	291913	50.72	ug/l	99
31) Cyclohexane	7.568	56	262972	44.03	ug/l	97
32) 1,1,1-Trichloroethane	7.482	97	249332	50.40	ug/l	98
36) 1,1-Dichloropropene	7.708	75	216947	51.32	ug/l	100
37) Ethyl Acetate	6.839	43	296200	49.02	ug/l	98
38) Carbon Tetrachloride	7.689	117	203851	53.79	ug/l	99
39) Methylcyclohexane	9.011	83	233748	51.49	ug/l	99
40) Benzene	7.960	78	661365	52.12	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.077	41	140457	47.13	ug/l	92
42) 1,2-Dichloroethane	8.046	62	252537	54.84	ug/l	98
43) Isopropyl Acetate	8.091	43	486516	52.07	ug/l	99
44) Trichloroethene	8.764	130	161892	52.48	ug/l	98
45) 1,2-Dichloropropane	9.049	63	195870	53.33	ug/l	100
46) Dibromomethane	9.140	93	113537	55.48	ug/l	99
47) Bromodichloromethane	9.336	83	239426	53.66	ug/l	98
48) Methyl methacrylate	9.135	41	236133	53.31	ug/l	99
49) 1,4-Dioxane	9.140	88	47123	980.52	ug/l	99
51) 4-Methyl-2-Pentanone	9.920	43	1560035	276.28	ug/l	100
52) Toluene	10.092	92	397940	54.10	ug/l	99
53) t-1,3-Dichloropropene	10.320	75	272623	54.03	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	289556	52.82	ug/l	96
55) 1,1,2-Trichloroethane	10.500	97	162728	54.01	ug/l	95
56) Ethyl methacrylate	10.368	69	253817	47.31	ug/l	97
57) 1,3-Dichloropropane	10.644	76	288286	53.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	114835	203.35	ug/l	98
59) 2-Hexanone	10.693	43	1141893	258.60	ug/l	99
60) Dibromochloromethane	10.840	129	170423	54.00	ug/l	98
61) 1,2-Dibromoethane	10.945	107	165326	55.10	ug/l	97
64) Tetrachloroethene	10.569	164	173215	50.63	ug/l	97
65) Chlorobenzene	11.374	112	415230	50.17	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	159749	51.52	ug/l	99
67) Ethyl Benzene	11.452	91	756459	51.53	ug/l	99
68) m/p-Xylenes	11.562	106	568678	104.41	ug/l	98
69) o-Xylene	11.889	106	266520	50.94	ug/l	97
70) Styrene	11.905	104	465889	48.01	ug/l	98
71) Bromoform	12.069	173	129933	52.85	ug/l #	99
73) Isopropylbenzene	12.192	105	718998	47.90	ug/l	99
74) N-amyl acetate	12.015	43	362859	43.82	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.447	83	242462	46.22	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	253585m	45.85	ug/l	
77) Bromobenzene	12.466	156	189190	48.06	ug/l	95
78) n-propylbenzene	12.535	91	871864	50.51	ug/l	98
79) 2-Chlorotoluene	12.616	91	514831	48.84	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	618100	49.64	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.243	75	85852	46.45	ug/l	99
82) 4-Chlorotoluene	12.715	91	547321	47.77	ug/l	98
83) tert-Butylbenzene	12.938	119	502898	46.31	ug/l	98
84) 1,2,4-Trimethylbenzene	12.983	105	613813	50.42	ug/l	98
85) sec-Butylbenzene	13.115	105	699328	50.23	ug/l	98
86) p-Isopropyltoluene	13.233	119	630979	51.67	ug/l	99
87) 1,3-Dichlorobenzene	13.225	146	336880	50.49	ug/l	99
88) 1,4-Dichlorobenzene	13.305	146	346117	49.53	ug/l	97
89) n-Butylbenzene	13.557	91	570662	46.74	ug/l	100
90) Hexachloroethane	13.815	117	102376	47.88	ug/l	95
91) 1,2-Dichlorobenzene	13.595	146	331979	50.51	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.211	75	53295	45.61	ug/l	98
93) 1,2,4-Trichlorobenzene	14.850	180	218653	50.92	ug/l	99
94) Hexachlorobutadiene	14.949	225	108851	52.15	ug/l	98
95) Naphthalene	15.070	128	589045	46.90	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	213125	49.84	ug/l	98

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

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