

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031821\
 Data File : VN066270.D
 Acq On : 18 Mar 2021 20:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
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MMDadoda
 3/19/2021 3:33:54 PM

Quant Time: Mar 19 04:31:35 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	7.587	168	299190	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	436677	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	437856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	220063	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	169878	39.41	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 78.82%			
35) Dibromofluoromethane	7.509	113	140699	50.51	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.02%			
50) Toluene-d8	10.028	98	548985	50.97	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.94%			
62) 4-Bromofluorobenzene	12.342	95	205529	52.94	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	122958	41.77	ug/l	97
3) Chloromethane	2.022	50	200966	42.33	ug/l	98
4) Vinyl Chloride	2.148	62	183255	43.13	ug/l	100
5) Bromomethane	2.507	94	109908	45.21	ug/l	99
6) Chloroethane	2.650	64	110364	44.90	ug/l	97
7) Trichlorofluoromethane	2.963	101	235748	47.39	ug/l	97
8) Diethyl Ether	3.347	74	93108	45.83	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.685	101	127496	48.37	ug/l	96
10) Methyl Iodide	3.870	142	191503	51.33	ug/l	96
11) Tert butyl alcohol	4.715	59	177849	241.71	ug/l	100
12) 1,1-Dichloroethene	3.661	96	128504	45.75	ug/l	86
13) Acrolein	3.532	56	140465	238.55	ug/l	99
14) Allyl chloride	4.229	41	315078	47.35	ug/l	97
15) Acrylonitrile	4.884	53	500672	227.21	ug/l	98
16) Acetone	3.741	43	437282	211.17	ug/l	97
17) Carbon Disulfide	3.966	76	351806	44.34	ug/l	98
18) Methyl Acetate	4.237	43	296257	51.13	ug/l	95
19) Methyl tert-butyl Ether	4.948	73	471569	43.92	ug/l	98
20) Methylene Chloride	4.452	84	157186	48.52	ug/l	89
21) trans-1,2-Dichloroethene	4.929	96	143921	46.24	ug/l	91
22) Diisopropyl ether	5.863	45	537698	39.33	ug/l #	96
23) Vinyl Acetate	5.798	43	2228213	190.09	ug/l #	94
24) 1,1-Dichloroethane	5.742	63	290352	42.61	ug/l	98
25) 2-Butanone	6.748	43	648633	201.67	ug/l	91
26) 2,2-Dichloropropane	6.729	77	205763	36.53	ug/l	96
27) cis-1,2-Dichloroethene	6.734	96	167732	46.75	ug/l	84
28) Bromochloromethane	7.104	49	144844	40.21	ug/l #	74
29) Tetrahydrofuran	7.128	42	442200	199.65	ug/l	90
30) Chloroform	7.284	83	279479	44.92	ug/l	97
31) Cyclohexane	7.568	56	231336	35.83	ug/l	91
32) 1,1,1-Trichloroethane	7.482	97	237457	44.40	ug/l	97
36) 1,1-Dichloropropene	7.708	75	198429	44.87	ug/l	96
37) Ethyl Acetate	6.841	43	251230	39.75	ug/l #	93
38) Carbon Tetrachloride	7.692	117	197024	49.70	ug/l	96
39) Methylcyclohexane	9.011	83	216527	45.60	ug/l	95
40) Benzene	7.963	78	641965	48.36	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	125944	40.40	ug/l #	87
42) 1,2-Dichloroethane	8.048	62	217402	45.13	ug/l	93
43) Isopropyl Acetate	8.094	43	397250	40.65	ug/l #	93
44) Trichloroethene	8.764	130	162753	50.43	ug/l	89
45) 1,2-Dichloropropane	9.051	63	182124	47.40	ug/l	98
46) Dibromomethane	9.140	93	109760	51.27	ug/l	91
47) Bromodichloromethane	9.338	83	229020	49.06	ug/l	98
48) Methyl methacrylate	9.135	41	194232	41.92	ug/l #	88
49) 1,4-Dioxane	9.140	88	56214	1118.22	ug/l	89
51) 4-Methyl-2-Pentanone	9.923	43	1533621	259.65	ug/l	96
52) Toluene	10.092	92	414359	53.85	ug/l	100
53) t-1,3-Dichloropropene	10.320	75	259297	49.13	ug/l	99
54) cis-1,3-Dichloropropene	9.776	75	279834	48.80	ug/l	90
55) 1,1,2-Trichloroethane	10.502	97	171951	54.56	ug/l	97
56) Ethyl methacrylate	10.371	69	262328	46.77	ug/l	91
57) 1,3-Dichloropropane	10.647	76	300022	52.76	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	268786	397.72	ug/l	93
59) 2-Hexanone	10.693	43	1134215	245.63	ug/l	95
60) Dibromochloromethane	10.843	129	182826	55.38	ug/l	99
61) 1,2-Dibromoethane	10.948	107	174786	55.69	ug/l	99
64) Tetrachloroethene	10.572	164	152518	42.00	ug/l	97
65) Chlorobenzene	11.374	112	446546	50.83	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.452	131	168044	51.06	ug/l	98
67) Ethyl Benzene	11.454	91	773942	49.67	ug/l	98
68) m/p-Xylenes	11.564	106	601923	104.12	ug/l	95
69) o-Xylene	11.892	106	288372	51.93	ug/l	93
70) Styrene	11.908	104	513233	49.75	ug/l	95
71) Bromoform	12.069	173	147734	56.61	ug/l #	99
73) Isopropylbenzene	12.192	105	755877	49.01	ug/l	96
74) N-amyl acetate	12.015	43	347160	40.95	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.450	83	275393	51.10	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	257275m	45.27	ug/l	
77) Bromobenzene	12.468	156	201197	49.74	ug/l	93
78) n-propylbenzene	12.535	91	883058	49.79	ug/l	97
79) 2-Chlorotoluene	12.618	91	533271	49.23	ug/l	97
80) 1,3,5-Trimethylbenzene	12.677	105	640733	50.08	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.243	75	88474	46.59	ug/l	93
82) 4-Chlorotoluene	12.715	91	553635	47.03	ug/l	96
83) tert-Butylbenzene	12.938	119	531299	47.61	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	630985	50.45	ug/l	96
85) sec-Butylbenzene	13.115	105	714533	49.94	ug/l	97
86) p-Isopropyltoluene	13.233	119	632497	50.40	ug/l	98
87) 1,3-Dichlorobenzene	13.227	146	351361	51.25	ug/l	98
88) 1,4-Dichlorobenzene	13.305	146	351834	49.00	ug/l	95
89) n-Butylbenzene	13.557	91	514092	41.26	ug/l	98
90) Hexachloroethane	13.815	117	110737	50.41	ug/l	94
91) 1,2-Dichlorobenzene	13.595	146	338814	50.17	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.214	75	48492	40.48	ug/l	82
93) 1,2,4-Trichlorobenzene	14.850	180	198735	45.04	ug/l	98
94) Hexachlorobutadiene	14.949	225	98569	45.95	ug/l	99
95) Naphthalene	15.070	128	567759	44.00	ug/l	100
96) 1,2,3-Trichlorobenzene	15.249	180	202625	46.11	ug/l	99

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

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