

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066291.D
 Acq On : 19 Mar 2021 19:21
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:50:37 AM

Quant Time: Mar 20 05:02:20 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	7.585	168	291322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	410239	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	395264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	198749	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	169473	40.38	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	80.76%		
35) Dibromofluoromethane	7.507	113	138504	52.92	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	105.84%		
50) Toluene-d8	10.028	98	514104	50.80	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.60%		
62) 4-Bromofluorobenzene	12.345	95	177384	48.63	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.26%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	122250	42.65	ug/l	98
3) Chloromethane	2.017	50	177004	38.26	ug/l	98
4) Vinyl Chloride	2.148	62	169681	41.01	ug/l	99
5) Bromomethane	2.518	94	107723	45.51	ug/l	99
6) Chloroethane	2.655	64	107621	44.97	ug/l	100
7) Trichlorofluoromethane	2.966	101	222423	45.92	ug/l	99
8) Diethyl Ether	3.344	74	88292	44.63	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.685	101	123992	48.31	ug/l	96
10) Methyl Iodide	3.873	142	178032	49.00	ug/l	97
11) Tert butyl alcohol	4.720	59	154353	215.44	ug/l	99
12) 1,1-Dichloroethene	3.661	96	124859	45.65	ug/l	88
13) Acrolein	3.535	56	116538	200.78	ug/l	97
14) Allyl chloride	4.229	41	302588	46.70	ug/l	98
15) Acrylonitrile	4.884	53	479284	223.38	ug/l	98
16) Acetone	3.741	43	415708	206.17	ug/l	97
17) Carbon Disulfide	3.969	76	322753	41.78	ug/l	99
18) Methyl Acetate	4.237	43	282194	50.01	ug/l	97
19) Methyl tert-butyl Ether	4.948	73	466926	44.66	ug/l	96
20) Methylene Chloride	4.455	84	134998	42.80	ug/l	95
21) trans-1,2-Dichloroethene	4.935	96	145543	48.03	ug/l	88
22) Diisopropyl ether	5.860	45	542088	40.72	ug/l #	96
23) Vinyl Acetate	5.798	43	2186803	191.60	ug/l #	93
24) 1,1-Dichloroethane	5.747	63	292870	44.14	ug/l	99
25) 2-Butanone	6.748	43	604727	193.10	ug/l #	89
26) 2,2-Dichloropropane	6.724	77	221631	40.41	ug/l	98
27) cis-1,2-Dichloroethene	6.732	96	168763	48.31	ug/l	84
28) Bromochloromethane	7.107	49	141904	40.46	ug/l #	75
29) Tetrahydrofuran	7.131	42	434169	201.32	ug/l	90
30) Chloroform	7.287	83	293869	48.51	ug/l	96
31) Cyclohexane	7.568	56	233707	37.17	ug/l	96
32) 1,1,1-Trichloroethane	7.483	97	238181	45.74	ug/l	96
36) 1,1-Dichloropropene	7.711	75	201290	48.46	ug/l	97
37) Ethyl Acetate	6.842	43	245803	41.40	ug/l #	93
38) Carbon Tetrachloride	7.689	117	202539	54.39	ug/l	97
39) Methylcyclohexane	9.011	83	211403	47.39	ug/l	93
40) Benzene	7.963	78	631502	50.64	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.080	41	109965	37.55	ug/l #	83
42) 1,2-Dichloroethane	8.049	62	215695	47.66	ug/l	94
43) Isopropyl Acetate	8.094	43	387456	42.20	ug/l #	94
44) Trichloroethene	8.765	130	169765	56.00	ug/l	91
45) 1,2-Dichloropropane	9.049	63	180635	50.04	ug/l	100
46) Dibromomethane	9.140	93	108080	53.74	ug/l	91
47) Bromodichloromethane	9.336	83	221717	50.56	ug/l	97
48) Methyl methacrylate	9.135	41	183861	42.24	ug/l #	89
49) 1,4-Dioxane	9.143	88	47241	1000.28	ug/l	88
51) 4-Methyl-2-Pentanone	9.921	43	1256398	226.42	ug/l	93
52) Toluene	10.092	92	388898	53.80	ug/l	98
53) t-1,3-Dichloropropene	10.323	75	237206	47.84	ug/l	98
54) cis-1,3-Dichloropropene	9.776	75	263069	48.83	ug/l #	88
55) 1,1,2-Trichloroethane	10.503	97	162314	54.82	ug/l	95
56) Ethyl methacrylate	10.371	69	233940	44.51	ug/l #	84
57) 1,3-Dichloropropane	10.647	76	271395	50.81	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.634	63	183583	301.79	ug/l #	90
59) 2-Hexanone	10.693	43	910882	210.17	ug/l	92
60) Dibromochloromethane	10.843	129	174057	56.12	ug/l	99
61) 1,2-Dibromoethane	10.945	107	160885	54.56	ug/l	100
64) Tetrachloroethene	10.572	164	180637	55.10	ug/l	96
65) Chlorobenzene	11.374	112	418352	52.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.449	131	161347	54.30	ug/l	98
67) Ethyl Benzene	11.452	91	696392	49.51	ug/l	95
68) m/p-Xylenes	11.562	106	557187	106.77	ug/l	90
69) o-Xylene	11.892	106	260353	51.94	ug/l	91
70) Styrene	11.905	104	454412	48.83	ug/l	95
71) Bromoform	12.069	173	133654	56.74	ug/l #	99
73) Isopropylbenzene	12.192	105	665431	47.77	ug/l	95
74) N-amyl acetate	12.015	43	267549	35.26	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.447	83	228120	46.86	ug/l	99
76) 1,2,3-Trichloropropane	12.498	75	217865m	42.45	ug/l	
77) Bromobenzene	12.466	156	186373	51.01	ug/l	84
78) n-propylbenzene	12.533	91	772648	48.23	ug/l	95
79) 2-Chlorotoluene	12.616	91	464580	47.49	ug/l	94
80) 1,3,5-Trimethylbenzene	12.678	105	566145	49.00	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.243	75	74567	43.48	ug/l	90
82) 4-Chlorotoluene	12.715	91	486547	45.78	ug/l	93
83) tert-Butylbenzene	12.938	119	472444	46.88	ug/l	95
84) 1,2,4-Trimethylbenzene	12.983	105	552913	48.95	ug/l	94
85) sec-Butylbenzene	13.115	105	625126	48.38	ug/l	96
86) p-Isopropyltoluene	13.233	119	566236	49.96	ug/l	98
87) 1,3-Dichlorobenzene	13.225	146	317388	51.26	ug/l	98
88) 1,4-Dichlorobenzene	13.305	146	318171	49.07	ug/l	96
89) n-Butylbenzene	13.557	91	443111	39.48	ug/l	99
90) Hexachloroethane	13.815	117	98938	49.87	ug/l	95
91) 1,2-Dichlorobenzene	13.595	146	302705	49.63	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.212	75	46797	43.20	ug/l	94
93) 1,2,4-Trichlorobenzene	14.850	180	191816	48.14	ug/l	100
94) Hexachlorobutadiene	14.949	225	83019	42.86	ug/l	99
95) Naphthalene	15.067	128	471316	40.44	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	170001	42.84	ug/l	99

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

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