

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031021\
 Data File : VN066173.D
 Acq On : 10 Mar 2021 18:09
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/11/2021 3:36:08 PM

Quant Time: Mar 11 01:35:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 09 14:48:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.590	168	169061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.518	114	285833	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	267669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	134566	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.952	65	153488	48.11	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.22%		
35) Dibromofluoromethane	7.512	113	96272	49.37	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.74%		
50) Toluene-d8	10.030	98	374880	48.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.72%		
62) 4-Bromofluorobenzene	12.345	95	141733	49.63	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.26%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	107890	51.03	ug/l	97
3) Chloromethane	2.022	50	172739	45.19	ug/l	100
4) Vinyl Chloride	2.151	62	146117	48.28	ug/l	100
5) Bromomethane	2.529	94	73889	45.51	ug/l	95
6) Chloroethane	2.660	64	81001	48.65	ug/l	99
7) Trichlorofluoromethane	2.971	101	170422	52.25	ug/l	99
8) Diethyl Ether	3.350	74	64674	48.09	ug/l	53
9) 1,1,2-Trichlorotrifluo...	3.688	101	82658	53.37	ug/l	92
10) Methyl Iodide	3.875	142	93717	47.02	ug/l #	86
11) Tert butyl alcohol	4.712	59	86950	159.26	ug/l #	84
12) 1,1-Dichloroethene	3.663	96	85234	49.75	ug/l #	63
13) Acrolein	3.537	56	60570	191.07	ug/l	97
14) Allyl chloride	4.235	41	242610	45.48	ug/l #	93
15) Acrylonitrile	4.892	53	373237	237.28	ug/l	99
16) Acetone	3.741	43	312550	193.92	ug/l #	85
17) Carbon Disulfide	3.972	76	265492	49.17	ug/l	99
18) Methyl Acetate	4.243	43	207110	51.44	ug/l #	85
19) Methyl tert-butyl Ether	4.948	73	380534	48.92	ug/l	95
20) Methylene Chloride	4.460	84	110558	46.53	ug/l #	69
21) trans-1,2-Dichloroethene	4.945	96	101251	49.66	ug/l #	71
22) Diisopropyl ether	5.863	45	535271	50.30	ug/l #	92
23) Vinyl Acetate	5.804	43	2302473	251.32	ug/l #	89
24) 1,1-Dichloroethane	5.753	63	243587	50.09	ug/l	95
25) 2-Butanone	6.748	43	552896	221.35	ug/l #	82
26) 2,2-Dichloropropane	6.734	77	199468	50.06	ug/l	93
27) cis-1,2-Dichloroethene	6.740	96	118993	47.96	ug/l	71
28) Bromochloromethane	7.110	49	131686	47.16	ug/l #	61
29) Tetrahydrofuran	7.131	42	395562	228.02	ug/l #	77
30) Chloroform	7.289	83	219521	50.32	ug/l	95
31) Cyclohexane	7.576	56	224770	48.87	ug/l #	81
32) 1,1,1-Trichloroethane	7.491	97	186798	51.30	ug/l	94
36) 1,1-Dichloropropene	7.713	75	166016	51.08	ug/l	93
37) Ethyl Acetate	6.847	43	238561	48.12	ug/l #	93
38) Carbon Tetrachloride	7.697	117	151395	53.48	ug/l	98
39) Methylcyclohexane	9.014	83	180741	52.50	ug/l #	81
40) Benzene	7.968	78	483522	50.87	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.086	41	109634	46.03	ug/l #	100
42) 1,2-Dichloroethane	8.051	62	199019	51.46	ug/l	84
43) Isopropyl Acetate	8.097	43	401590	49.85	ug/l #	82
44) Trichloroethene	8.767	130	109501	48.63	ug/l	89
45) 1,2-Dichloropropane	9.054	63	150008	51.94	ug/l	97
46) Dibromomethane	9.145	93	80612	51.69	ug/l	90
47) Bromodichloromethane	9.338	83	175163	50.73	ug/l	99
48) Methyl methacrylate	9.137	41	191133	48.48	ug/l #	78
49) 1,4-Dioxane	9.140	88	17696	488.90	ug/l #	57
51) 4-Methyl-2-Pentanone	9.923	43	1228698	251.30	ug/l #	87
52) Toluene	10.095	92	280267	49.98	ug/l	99
53) t-1,3-Dichloropropene	10.323	75	206550	50.56	ug/l	96
54) cis-1,3-Dichloropropene	9.778	75	219813	50.22	ug/l #	85
55) 1,1,2-Trichloroethane	10.502	97	111527	51.00	ug/l	94
56) Ethyl methacrylate	10.371	69	196355	51.37	ug/l #	73
57) 1,3-Dichloropropane	10.647	76	213362	50.46	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.634	63	313555	210.84	ug/l #	86
59) 2-Hexanone	10.693	43	870230	248.97	ug/l	85
60) Dibromochloromethane	10.843	129	119895	51.94	ug/l	99
61) 1,2-Dibromoethane	10.948	107	112869	50.50	ug/l	100
64) Tetrachloroethene	10.572	164	114317	51.80	ug/l	97
65) Chlorobenzene	11.374	112	289007	51.26	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.452	131	110215	52.63	ug/l	98
67) Ethyl Benzene	11.455	91	548689	51.87	ug/l	97
68) m/p-Xylenes	11.565	106	399466	104.79	ug/l	92
69) o-Xylene	11.892	106	192118	52.35	ug/l	92
70) Styrene	11.908	104	322282	53.50	ug/l	94
71) Bromoform	12.071	173	82484	52.23	ug/l #	97
73) Isopropylbenzene	12.195	105	516814	49.31	ug/l	99
74) N-amyl acetate	12.015	43	287512	44.33	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.450	83	184146	49.08	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	183842m	45.59	ug/l	
77) Bromobenzene	12.468	156	121414	49.93	ug/l	73
78) n-propylbenzene	12.535	91	625980	50.23	ug/l	96
79) 2-Chlorotoluene	12.619	91	370810	49.18	ug/l	94
80) 1,3,5-Trimethylbenzene	12.678	105	447313	50.48	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.246	75	62437	48.34	ug/l	95
82) 4-Chlorotoluene	12.718	91	390364	50.65	ug/l	93
83) tert-Butylbenzene	12.938	119	362840	48.39	ug/l	94
84) 1,2,4-Trimethylbenzene	12.983	105	442285	50.75	ug/l	99
85) sec-Butylbenzene	13.115	105	500832	50.69	ug/l	98
86) p-Isopropyltoluene	13.233	119	441708	50.30	ug/l	97
87) 1,3-Dichlorobenzene	13.227	146	218918	49.48	ug/l	98
88) 1,4-Dichlorobenzene	13.308	146	218263	48.89	ug/l	98
89) n-Butylbenzene	13.557	91	412637	51.01	ug/l	98
90) Hexachloroethane	13.817	117	69454	51.08	ug/l	100
91) 1,2-Dichlorobenzene	13.595	146	219271	49.88	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.212	75	42987	45.08	ug/l	73
93) 1,2,4-Trichlorobenzene	14.850	180	131012	46.60	ug/l	98
94) Hexachlorobutadiene	14.949	225	63226	50.45	ug/l	99
95) Naphthalene	15.070	128	410870	49.48	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	137518	51.16	ug/l	98

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

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