

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066348.D
 Acq On : 26 Mar 2021 14:45
 Operator : JC/MD
 Sample : M1458-08 1.0ppb
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOQ-WATER-02-QT1-2021

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 3:39:28 PM

Quant Time: Mar 27 03:27:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032521W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 27 03:14:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.584	168	344133	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	536423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	471076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	193882	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	243279	53.18	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 106.36%			
35) Dibromofluoromethane	7.507	113	189486	53.28	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.56%			
50) Toluene-d8	10.028	98	702376	52.07	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 104.14%			
62) 4-Bromofluorobenzene	12.345	95	215749	46.05	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	2395	0.55	ug/l	94
3) Chloromethane	2.014	50	6429	1.26	ug/l	96
4) Vinyl Chloride	2.145	62	3290	0.66	ug/l	92
5) Bromomethane	2.521	94	3808	1.14	ug/l	100
6) Chloroethane	2.660	64	2061	0.67	ug/l #	87
7) Trichlorofluoromethane	2.963	101	4660	0.68	ug/l #	75
8) Diethyl Ether	3.347	74	2403m	0.86	ug/l	
9) 1,1,2-Trichlorotrifluo...	3.687	101	2488m	0.65	ug/l	
10) Methyl Iodide	3.873	142	3277	0.60	ug/l #	81
11) Tert butyl alcohol	4.731	59	2546m	3.65	ug/l	
12) 1,1-Dichloroethene	3.669	96	2787m	0.71	ug/l	
13) Acrolein	3.535	56	6435	14.22	ug/l	91
14) Allyl chloride	4.232	41	5118m	0.66	ug/l	
15) Acrylonitrile	4.892	53	6891	3.54	ug/l #	83
16) Acetone	3.744	43	12356	5.00	ug/l #	84
17) Carbon Disulfide	3.966	76	9386	0.81	ug/l #	93
18) Methyl Acetate	4.243	43	6953m	1.08	ug/l	
19) Methyl tert-butyl Ether	4.935	73	8057m	0.69	ug/l	
20) Methylene Chloride	4.455	84	4605	0.97	ug/l	91
21) trans-1,2-Dichloroethene	4.927	96	2273	0.64	ug/l	90
22) Diisopropyl ether	5.857	45	7648	0.63	ug/l #	79
23) Vinyl Acetate	5.804	43	25288	2.44	ug/l	98
24) 1,1-Dichloroethane	5.745	63	4309	0.64	ug/l #	83
25) 2-Butanone	6.756	43	8849	3.28	ug/l	94
26) 2,2-Dichloropropane	6.731	77	4320	0.72	ug/l #	62
27) cis-1,2-Dichloroethene	6.740	96	3094m	0.74	ug/l	
28) Bromochloromethane	7.107	49	2151m	0.64	ug/l	
29) Tetrahydrofuran	7.136	42	5476	3.11	ug/l	93
30) Chloroform	7.287	83	4437	0.66	ug/l	88
31) Cyclohexane	7.582	56	11010	1.74	ug/l #	21
32) 1,1,1-Trichloroethane	7.480	97	3616m	0.61	ug/l	
36) 1,1-Dichloropropene	7.708	75	3564	0.71	ug/l #	48
37) Ethyl Acetate	6.844	43	1431	0.26	ug/l #	90
38) Carbon Tetrachloride	7.689	117	3253	0.64	ug/l #	92
39) Methylcyclohexane	9.011	83	3665	0.60	ug/l	97
40) Benzene	7.960	78	9456	0.62	ug/l #	80

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.091	41	1781	0.65	ug/l #	63
42) 1,2-Dichloroethane	8.048	62	3737	0.69	ug/l	98
43) Isopropyl Acetate	8.097	43	5848	0.62	ug/l #	95
44) Trichloroethene	8.770	130	2702	0.67	ug/l	97
45) 1,2-Dichloropropane	9.049	63	2547	0.63	ug/l	89
46) Dibromomethane	9.143	93	1649	0.62	ug/l #	29
47) Bromodichloromethane	9.336	83	3344	0.61	ug/l #	90
48) Methyl methacrylate	9.137	41	3253	0.72	ug/l	91
49) 1,4-Dioxane	9.145	88	876	15.45	ug/l #	38
51) 4-Methyl-2-Pentanone	9.923	43	16962	3.06	ug/l	100
52) Toluene	10.089	92	5634	0.60	ug/l	89
53) t-1,3-Dichloropropene	10.320	75	3708	0.62	ug/l	89
54) cis-1,3-Dichloropropene	9.773	75	3833	0.60	ug/l	93
55) 1,1,2-Trichloroethane	10.505	97	2449	0.65	ug/l	92
56) Ethyl methacrylate	10.376	69	3021	0.52	ug/l #	67
57) 1,3-Dichloropropane	10.653	76	3723	0.60	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.631	63	500	0.97	ug/l	98
59) 2-Hexanone	10.695	43	8745	2.25	ug/l	92
60) Dibromochloromethane	10.843	129	2396	0.57	ug/l	98
61) 1,2-Dibromoethane	10.950	107	2358	0.60	ug/l	96
64) Tetrachloroethene	10.567	164	2732	0.68	ug/l #	80
65) Chlorobenzene	11.374	112	6310	0.67	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.452	131	2268	0.63	ug/l #	53
67) Ethyl Benzene	11.454	91	9986	0.59	ug/l	97
68) m/p-Xylenes	11.562	106	7696	1.19	ug/l	94
69) o-Xylene	11.894	106	3577	0.57	ug/l	94
70) Styrene	11.910	104	5404	0.53	ug/l	95
71) Bromoform	12.071	173	1610	0.54	ug/l #	91
73) Isopropylbenzene	12.192	105	9091	0.63	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.452	83	2973	0.65	ug/l #	85
76) 1,2,3-Trichloropropane	12.508	75	2242m	0.53	ug/l	
77) Bromobenzene	12.468	156	2497	0.69	ug/l	80
78) n-propylbenzene	12.538	91	9216	0.59	ug/l	97
79) 2-Chlorotoluene	12.621	91	4988	0.52	ug/l	89
80) 1,3,5-Trimethylbenzene	12.680	105	7069	0.60	ug/l	90
81) trans-1,4-Dichloro-2-b...	12.248	75	508m	0.36	ug/l	
82) 4-Chlorotoluene	12.723	91	4610	0.48	ug/l	92
83) tert-Butylbenzene	12.940	119	6432	0.63	ug/l	99
84) 1,2,4-Trimethylbenzene	12.989	105	7142	0.62	ug/l	95
85) sec-Butylbenzene	13.117	105	7479	0.57	ug/l	96
86) p-Isopropyltoluene	13.235	119	6797	0.58	ug/l	93
87) 1,3-Dichlorobenzene	13.230	146	3712	0.61	ug/l	98
88) 1,4-Dichlorobenzene	13.302	146	3297	0.52	ug/l	71
89) n-Butylbenzene	13.573	91	4506	0.46	ug/l	97
90) Hexachloroethane	13.815	117	1778	0.84	ug/l #	36
91) 1,2-Dichlorobenzene	13.603	146	2962	0.49	ug/l	77
93) 1,2,4-Trichlorobenzene	14.871	180	2941	0.79	ug/l	91
94) Hexachlorobutadiene	14.949	225	1443	0.71	ug/l	90
95) Naphthalene	15.086	128	9395	0.84	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.260	180	2926	0.78	ug/l	92

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