

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066345.D
 Acq On : 26 Mar 2021 13:33
 Operator : JC/MD
 Sample : M1458-07 0.2ppb
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2021

Manual Integrations
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 3/31/2021 3:39:09 PM

Quant Time: Mar 27 03:14:35 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	7.582	168	448227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	699997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	602047	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	246809	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	298459	50.09	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.18%			
35) Dibromofluoromethane	7.507	113	234617	50.56	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.12%			
50) Toluene-d8	10.028	98	853045	48.46	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.92%			
62) 4-Bromofluorobenzene	12.345	95	267501	43.75	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 87.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.815	85	885	0.16	ug/l	94
3) Chloromethane	2.014	50	4557	0.69	ug/l	91
4) Vinyl Chloride	2.148	62	1819m	0.28	ug/l	
5) Bromomethane	2.523	94	2266	0.52	ug/l	99
6) Chloroethane	2.658	64	1118m	0.28	ug/l	
7) Trichlorofluoromethane	2.966	101	1650	0.19	ug/l	96
8) Diethyl Ether	3.341	74	1040m	0.29	ug/l	
9) 1,1,2-Trichlorotrifluo...	3.679	101	1053	0.21	ug/l #	34
10) Methyl Iodide	3.875	142	1653m	0.23	ug/l	
11) Tert butyl alcohol	4.723	59	1074m	1.18	ug/l	
12) 1,1-Dichloroethene	3.666	96	2419m	0.47	ug/l	
13) Acrolein	3.537	56	6116	10.37	ug/l	96
14) Allyl chloride	4.229	41	1577	0.16	ug/l #	39
15) Acrylonitrile	4.884	53	3396m	1.34	ug/l	
16) Acetone	3.744	43	6755	2.10	ug/l	89
17) Carbon Disulfide	3.972	76	6313	0.42	ug/l #	87
18) Methyl Acetate	4.243	43	317	0.04	ug/l #	1
19) Methyl tert-butyl Ether	4.953	73	3665m	0.24	ug/l	
20) Methylene Chloride	4.449	84	1232	0.20	ug/l #	78
21) trans-1,2-Dichloroethene	4.924	96	1498	0.32	ug/l #	71
22) Diisopropyl ether	5.854	45	3742m	0.24	ug/l	
23) Vinyl Acetate	5.804	43	13658m	1.01	ug/l	
24) 1,1-Dichloroethane	5.734	63	1949m	0.22	ug/l	
25) 2-Butanone	6.753	43	4094	1.16	ug/l #	87
26) 2,2-Dichloropropane	6.731	77	2164m	0.28	ug/l	
27) cis-1,2-Dichloroethene	6.737	96	1462m	0.27	ug/l	
28) Bromochloromethane	7.094	49	620m	0.14	ug/l	
29) Tetrahydrofuran	7.134	42	3635	1.58	ug/l #	74
30) Chloroform	7.279	83	2100	0.24	ug/l	93
31) Cyclohexane	7.576	56	10497	1.27	ug/l #	9
32) 1,1,1-Trichloroethane	7.499	97	1562m	0.20	ug/l	
36) 1,1-Dichloropropene	7.708	75	1518m	0.23	ug/l	
37) Ethyl Acetate	6.847	43	258	0.04	ug/l #	69
38) Carbon Tetrachloride	7.684	117	1488	0.23	ug/l	95
39) Methylcyclohexane	9.011	83	1537	0.19	ug/l	95
40) Benzene	7.965	78	4303	0.22	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.072	41	201	0.06	ug/l #	1
42) 1,2-Dichloroethane	8.043	62	2101m	0.30	ug/l	
43) Isopropyl Acetate	8.089	43	3487	0.28	ug/l #	86
44) Trichloroethene	8.762	130	1095	0.21	ug/l	78
45) 1,2-Dichloropropane	9.041	63	1150m	0.22	ug/l	
46) Dibromomethane	9.143	93	740	0.21	ug/l	87
47) Bromodichloromethane	9.346	83	1450m	0.20	ug/l	
48) Methyl methacrylate	9.129	41	1282	0.22	ug/l #	84
49) 1,4-Dioxane	9.140	88	484	6.54	ug/l #	72
51) 4-Methyl-2-Pentanone	9.926	43	9148	1.27	ug/l	93
52) Toluene	10.095	92	2629	0.22	ug/l	97
53) t-1,3-Dichloropropene	10.323	75	1787	0.23	ug/l #	88
54) cis-1,3-Dichloropropene	9.773	75	1923	0.23	ug/l #	92
55) 1,1,2-Trichloroethane	10.510	97	1117m	0.23	ug/l	
56) Ethyl methacrylate	10.374	69	1922	0.26	ug/l #	59
57) 1,3-Dichloropropane	10.645	76	1583	0.19	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.631	63	230	0.34	ug/l #	49
59) 2-Hexanone	10.698	43	8101	1.60	ug/l	95
60) Dibromochloromethane	10.846	129	960m	0.18	ug/l	
61) 1,2-Dibromoethane	10.950	107	994	0.19	ug/l	97
64) Tetrachloroethene	10.569	164	1205	0.24	ug/l	85
65) Chlorobenzene	11.371	112	2885	0.24	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.446	131	834	0.18	ug/l #	18
67) Ethyl Benzene	11.454	91	4940	0.23	ug/l	96
68) m/p-Xylenes	11.564	106	3515	0.42	ug/l	93
69) o-Xylene	11.889	106	1475	0.18	ug/l	77
70) Styrene	11.905	104	2985	0.23	ug/l #	71
71) Bromoform	12.071	173	622	0.16	ug/l #	29
73) Isopropylbenzene	12.192	105	4574	0.25	ug/l	95
74) N-amyl acetate	12.018	43	57	0.01	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.452	83	1435	0.25	ug/l #	52
76) 1,2,3-Trichloropropane	12.506	75	2053m	0.38	ug/l	
77) Bromobenzene	12.471	156	1250	0.27	ug/l	80
78) n-propylbenzene	12.538	91	5845	0.29	ug/l	97
79) 2-Chlorotoluene	12.621	91	2878	0.23	ug/l	93
80) 1,3,5-Trimethylbenzene	12.683	105	4305	0.29	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.345	75	138465	76.89	ug/l #	12
82) 4-Chlorotoluene	12.723	91	4454m	0.36	ug/l	
83) tert-Butylbenzene	12.938	119	3827	0.30	ug/l	93
84) 1,2,4-Trimethylbenzene	12.989	105	4441	0.30	ug/l	98
85) sec-Butylbenzene	13.115	105	6326	0.38	ug/l	96
86) p-Isopropyltoluene	13.235	119	5952	0.40	ug/l	91
87) 1,3-Dichlorobenzene	13.230	146	2680	0.34	ug/l	94
88) 1,4-Dichlorobenzene	13.308	146	3477m	0.43	ug/l	
89) n-Butylbenzene	13.571	91	7073	0.57	ug/l	96
90) Hexachloroethane	13.820	117	1138	0.42	ug/l #	48
91) 1,2-Dichlorobenzene	13.603	146	2859	0.37	ug/l #	74
92) 1,2-Dibromo-3-Chloropr...	14.214	75	207	0.18	ug/l #	11
93) 1,2,4-Trichlorobenzene	14.858	180	4654	0.98	ug/l	87
94) Hexachlorobutadiene	14.949	225	1635	0.63	ug/l	87
95) Naphthalene	15.078	128	20642	1.44	ug/l	98
96) 1,2,3-Trichlorobenzene	15.255	180	4720	0.99	ug/l	91

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

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