

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032621\
 Data File : VN066347.D
 Acq On : 26 Mar 2021 14:20
 Operator : JC/MD
 Sample : M1458-07 0.75ppb
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 3/31/2021 3:39:22 PM

Quant Time: Mar 27 03:23:28 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	7.585	168	452574	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.515	114	707042	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	631111	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	253700	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	298709	49.65	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.30%		
35) Dibromofluoromethane	7.507	113	234600	50.05	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.10%		
50) Toluene-d8	10.028	98	860543	48.40	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.80%		
62) 4-Bromofluorobenzene	12.345	95	281414	45.57	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.14%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.816	85	3902	0.68	ug/l	99
3) Chloromethane	2.017	50	9029	1.35	ug/l	95
4) Vinyl Chloride	2.145	62	4907	0.75	ug/l	92
5) Bromomethane	2.513	94	3965	0.91	ug/l	96
6) Chloroethane	2.644	64	3434	0.84	ug/l #	88
7) Trichlorofluoromethane	2.961	101	7103	0.79	ug/l	94
8) Diethyl Ether	3.344	74	2933	0.80	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.685	101	4039	0.80	ug/l #	62
10) Methyl Iodide	3.865	142	5117	0.71	ug/l #	94
11) Tert butyl alcohol	4.720	59	4742m	5.17	ug/l	
12) 1,1-Dichloroethene	3.655	96	3900m	0.75	ug/l	
13) Acrolein	3.537	56	9136	15.35	ug/l	86
14) Allyl chloride	4.229	41	6417m	0.63	ug/l	
15) Acrylonitrile	4.884	53	11378	4.45	ug/l #	62
16) Acetone	3.736	43	14798	4.55	ug/l #	89
17) Carbon Disulfide	3.967	76	13850	0.90	ug/l	100
18) Methyl Acetate	4.237	43	7117	0.84	ug/l #	89
19) Methyl tert-butyl Ether	4.948	73	11809	0.77	ug/l	100
20) Methylene Chloride	4.455	84	6889m	1.10	ug/l	
21) trans-1,2-Dichloroethene	4.924	96	4025m	0.86	ug/l	
22) Diisopropyl ether	5.857	45	9963	0.62	ug/l #	82
23) Vinyl Acetate	5.804	43	48106	3.53	ug/l	97
24) 1,1-Dichloroethane	5.753	63	6640	0.75	ug/l #	91
25) 2-Butanone	6.750	43	11902	3.35	ug/l	93
26) 2,2-Dichloropropane	6.724	77	6520	0.83	ug/l	95
27) cis-1,2-Dichloroethene	6.729	96	4495	0.82	ug/l	83
28) Bromochloromethane	7.107	49	3191	0.72	ug/l #	95
29) Tetrahydrofuran	7.134	42	8418	3.63	ug/l	94
30) Chloroform	7.284	83	6954	0.79	ug/l	89
31) Cyclohexane	7.576	56	15418	1.85	ug/l #	49
32) 1,1,1-Trichloroethane	7.488	97	6242	0.80	ug/l #	51
36) 1,1-Dichloropropene	7.711	75	5122	0.77	ug/l #	78
37) Ethyl Acetate	6.850	43	3755	0.51	ug/l #	94
38) Carbon Tetrachloride	7.689	117	5379	0.81	ug/l #	85
39) Methylcyclohexane	9.011	83	6133	0.76	ug/l	99
40) Benzene	7.963	78	14944	0.74	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.046	62	6291	0.88	ug/l	86
43) Isopropyl Acetate	8.094	43	9228	0.74	ug/l #	94
44) Trichloroethene	8.770	130	4056	0.77	ug/l	97
45) 1,2-Dichloropropane	9.052	63	4162	0.78	ug/l	89
46) Dibromomethane	9.143	93	2590	0.74	ug/l	95
47) Bromodichloromethane	9.336	83	5119	0.71	ug/l	92
48) Methyl methacrylate	9.137	41	4561	0.77	ug/l	95
49) 1,4-Dioxane	9.140	88	1423	19.04	ug/l #	83
51) 4-Methyl-2-Pentanone	9.923	43	27012	3.70	ug/l	100
52) Toluene	10.092	92	8858	0.72	ug/l	95
53) t-1,3-Dichloropropene	10.320	75	5607	0.71	ug/l	92
54) cis-1,3-Dichloropropene	9.778	75	6090	0.72	ug/l	96
55) 1,1,2-Trichloroethane	10.505	97	3955	0.80	ug/l	96
56) Ethyl methacrylate	10.371	69	5312	0.70	ug/l #	92
57) 1,3-Dichloropropane	10.650	76	6221	0.76	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.636	63	2013	2.95	ug/l	98
59) 2-Hexanone	10.698	43	15813	3.09	ug/l	97
60) Dibromochloromethane	10.843	129	4123	0.75	ug/l	95
61) 1,2-Dibromoethane	10.950	107	3784	0.73	ug/l	97
64) Tetrachloroethene	10.572	164	4011	0.75	ug/l #	88
65) Chlorobenzene	11.374	112	9318	0.74	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.449	131	3439	0.71	ug/l #	52
67) Ethyl Benzene	11.455	91	16211	0.71	ug/l	96
68) m/p-Xylenes	11.559	106	11577	1.33	ug/l	90
69) o-Xylene	11.894	106	6535	0.78	ug/l	81
70) Styrene	11.908	104	9431	0.69	ug/l	97
71) Bromoform	12.069	173	2621	0.65	ug/l #	98
73) Isopropylbenzene	12.195	105	14756	0.78	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.450	83	4810	0.80	ug/l	97
76) 1,2,3-Trichloropropane	12.503	75	2800m	0.50	ug/l	
77) Bromobenzene	12.468	156	3886	0.82	ug/l	88
78) n-propylbenzene	12.535	91	15700	0.77	ug/l	94
79) 2-Chlorotoluene	12.621	91	9323	0.74	ug/l	96
80) 1,3,5-Trimethylbenzene	12.678	105	12226	0.79	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.243	75	1059m	0.57	ug/l	
82) 4-Chlorotoluene	12.720	91	8062	0.64	ug/l	84
83) tert-Butylbenzene	12.938	119	9990	0.75	ug/l	93
84) 1,2,4-Trimethylbenzene	12.986	105	11677	0.78	ug/l	97
85) sec-Butylbenzene	13.115	105	12556	0.73	ug/l	93
86) p-Isopropyltoluene	13.235	119	11844	0.77	ug/l	97
87) 1,3-Dichlorobenzene	13.233	146	6189	0.77	ug/l	95
88) 1,4-Dichlorobenzene	13.311	146	7507m	0.90	ug/l	
89) n-Butylbenzene	13.565	91	9230	0.72	ug/l #	52
90) Hexachloroethane	13.815	117	2344	0.84	ug/l	83
91) 1,2-Dichlorobenzene	13.608	146	4744	0.60	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.204	75	313	0.27	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.858	180	4286m	0.88	ug/l	
94) Hexachlorobutadiene	14.947	225	2072	0.78	ug/l	91
95) Naphthalene	15.081	128	12057	0.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.255	180	4079	0.83	ug/l	87

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