

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061562.D
 Acq On : 29 May 2020 13:15
 Operator : JC/MD
 Sample : L2182-09 .75PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2020DL

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:30:05 PM

Quant Time: May 30 07:30:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 30 07:13:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	280307	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	503158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	456109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	189720	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	190422	57.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.04%	
35) Dibromofluoromethane	7.55	113	147385	57.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.48%	
50) Toluene-d8	10.06	98	594724	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.38	95	197209	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.83	85	1517	0.518	ug/l	94
3) Chloromethane	2.03	50	2957	0.865	ug/l	99
4) Vinyl Chloride	2.15	62	3181	0.679	ug/l	100
5) Bromomethane	2.54	94	2802	1.042	ug/l	95
6) Chloroethane	2.67	64	2132	0.707	ug/l #	79
7) Trichlorofluoromethane	2.98	101	3795	0.628	ug/l	93
8) Diethyl Ether	3.37	74	1114	0.603	ug/l	74
9) 1,1,2-Trichlorotrifluoroet	3.71	101	1778	0.663	ug/l #	87
10) Methyl Iodide	3.91	142	2941	0.790	ug/l #	86
11) Tert butyl alcohol	4.72	59	1658m	3.732	ug/l	
12) 1,1-Dichloroethene	3.70	96	1891	0.660	ug/l	85
13) Acrolein	3.57	56	1017	5.971	ug/l #	73
14) Allyl chloride	4.28	41	3013	0.805	ug/l #	87
15) Acrylonitrile	4.94	53	3455m	2.787	ug/l	
16) Acetone	3.78	43	5154	4.363	ug/l	90
17) Carbon Disulfide	4.00	76	5643	0.895	ug/l	97
18) Methyl Acetate	4.28	43	2030m	0.671	ug/l	
19) Methyl tert-butyl Ether	4.99	73	6548	0.671	ug/l #	73
20) Methylene Chloride	4.50	84	2548	0.622	ug/l	89
21) trans-1,2-Dichloroethene	4.99	96	2272	0.703	ug/l	93
22) Diisopropyl ether	5.90	45	5493	0.666	ug/l #	87
23) Vinyl Acetate	5.85	43	20338	3.092	ug/l #	93
24) 1,1-Dichloroethane	5.79	63	3709m	0.709	ug/l	
25) 2-Butanone	6.79	43	4707	2.974	ug/l	88
26) 2,2-Dichloropropane	6.77	77	3537m	0.738	ug/l	
27) cis-1,2-Dichloroethene	6.78	96	2460	0.673	ug/l	96
28) Bromochloromethane	7.16	49	1660m	0.735	ug/l	
29) Tetrahydrofuran	7.18	42	3753	3.596	ug/l #	86
30) Chloroform	7.32	83	3874	0.669	ug/l	86
31) Cyclohexane	7.62	56	8760	1.861	ug/l #	48
32) 1,1,1-Trichloroethane	7.53	97	3472	0.658	ug/l #	48
36) 1,1-Dichloropropene	7.75	75	2756	0.619	ug/l #	84
37) Ethyl Acetate	6.89	43	2494	0.695	ug/l #	66
38) Carbon Tetrachloride	7.73	117	2281	0.531	ug/l #	78

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
 Data File : VN061562.D
 Acq On : 29 May 2020 13:15
 Operator : JC/MD
 Sample : L2182-09 .75PPB MDL
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT2-2020DL

Manual Integrations
 APPROVED

MMDadoda
 6/1/2020 12:30:05 PM

Quant Time: May 30 07:30:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 30 07:13:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	3505	0.638	ug/l	90
40) Benzene	8.00	78	8459	0.615	ug/l	99
41) Methacrylonitrile	7.13	41	1021	0.621	ug/l #	46
42) 1,2-Dichloroethane	8.08	62	3499	0.760	ug/l	77
43) Isopropyl Acetate	8.13	43	3984	0.617	ug/l #	75
44) Trichloroethene	8.81	130	2593	0.614	ug/l	99
45) 1,2-Dichloropropane	9.09	63	2003	0.614	ug/l #	69
46) Dibromomethane	9.18	93	1358	0.543	ug/l	97
47) Bromodichloromethane	9.37	83	2549	0.514	ug/l #	85
48) Methyl methacrylate	9.17	41	1781	0.613	ug/l	90
49) 1,4-Dioxane	9.17	88	611	13.582	ug/l #	94
51) 4-Methyl-2-Pentanone	9.95	43	9760	2.683	ug/l	100
52) Toluene	10.13	92	5749	0.641	ug/l	99
53) t-1,3-Dichloropropene	10.36	75	2837	0.531	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	3209	0.559	ug/l #	82
55) 1,1,2-Trichloroethane	10.53	97	2361	0.661	ug/l	91
56) Ethyl methacrylate	10.40	69	2481	0.497	ug/l	96
57) 1,3-Dichloropropane	10.68	76	3543	0.620	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.66	63	5902	2.766	ug/l	99
59) 2-Hexanone	10.72	43	7439	2.848	ug/l	91
60) Dibromochloromethane	10.88	129	1929	0.475	ug/l	87
61) 1,2-Dibromoethane	10.98	107	1879	0.504	ug/l #	77
64) Tetrachloroethene	10.60	164	2431	0.566	ug/l #	76
65) Chlorobenzene	11.41	112	6171	0.651	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.48	131	2052	0.581	ug/l #	62
67) Ethyl Benzene	11.48	91	10468	0.639	ug/l	94
68) m/p-Xylenes	11.60	106	7413	1.141	ug/l	94
69) o-Xylene	11.92	106	3158	0.512	ug/l	74
70) Styrene	11.94	104	5123	0.501	ug/l	95
71) Bromoform	12.10	173	1232	0.453	ug/l #	88
73) Isopropylbenzene	12.23	105	9343	0.675	ug/l	96
74) N-amyl acetate	12.05	43	2199	0.504	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.48	83	2552	0.658	ug/l #	96
76) 1,2,3-Trichloropropane	12.53	75	2262m	0.656	ug/l	
77) Bromobenzene	12.50	156	2103	0.595	ug/l	62
78) n-propylbenzene	12.56	91	10319	0.668	ug/l	93
79) 2-Chlorotoluene	12.65	91	6343	0.688	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	7258	0.627	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.28	75	641m	0.475	ug/l	
82) 4-Chlorotoluene	12.75	91	6738	0.695	ug/l	93
83) tert-Butylbenzene	12.97	119	6896	0.674	ug/l	93
84) 1,2,4-Trimethylbenzene	13.02	105	7425	0.646	ug/l	97
85) sec-Butylbenzene	13.15	105	8345	0.633	ug/l	98
86) p-Isopropyltoluene	13.26	119	7347	0.605	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	4068	0.650	ug/l	91
88) 1,4-Dichlorobenzene	13.34	146	4711m	0.739	ug/l	
89) n-Butylbenzene	13.59	91	6637	0.653	ug/l	96
90) Hexachloroethane	13.85	117	833	0.621	ug/l	78
91) 1,2-Dichlorobenzene	13.63	146	3893	0.651	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	14.25	75	488	0.617	ug/l	69

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052920\
Data File : VN061562.D
Acq On : 29 May 2020 13:15
Operator : JC/MD
Sample : L2182-09 .75PPB MDL
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2020DL

Manual Integrations
APPROVED

MMDadoda
6/1/2020 12:30:05 PM

Quant Time: May 30 07:30:04 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Sat May 30 07:13:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	2194	0.627	ug/l	93
94) Hexachlorobutadiene	14.99	225	1126	0.755	ug/l	92
95) Naphthalene	15.10	128	6679	0.627	ug/l	96
96) 1,2,3-Trichlorobenzene	15.29	180	2168	0.630	ug/l	99

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

