

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050620\
 Data File : VX016077.D
 Acq On : 06 May 2020 12:42
 Operator : JC/SP
 Sample : L2182-09 .2PPB MDL
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:54:49 AM

Quant Time: May 07 07:52:10 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 07 07:43:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	317384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	506945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	451253	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	194576	46.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.18%	
35) Dibromofluoromethane	5.46	113	144104	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	
50) Toluene-d8	8.70	98	568214	45.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.84%	
62) 4-Bromofluorobenzene	11.12	95	210681	44.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.18	85	710	0.211	ug/l	96
3) Chloromethane	1.31	50	1075	0.276	ug/l #	77
4) Vinyl Chloride	1.39	62	954	0.229	ug/l #	74
5) Bromomethane	1.64	94	871	0.415	ug/l	91
6) Chloroethane	1.72	64	532	0.210	ug/l #	81
7) Trichlorofluoromethane	1.92	101	1174	0.215	ug/l #	72
9) 1,1,2-Trichlorotrifluoroet	2.37	101	826	0.262	ug/l	94
10) Methyl Iodide	2.49	142	1080	0.255	ug/l #	86
11) Tert butyl alcohol	3.01	59	1094	1.036	ug/l #	93
12) 1,1-Dichloroethene	2.36	96	1263	0.383	ug/l	82
13) Acrolein	2.27	56	925	1.400	ug/l	94
15) Acrylonitrile	3.12	53	2721	1.242	ug/l	94
16) Acetone	2.42	43	2607	1.399	ug/l	94
17) Carbon Disulfide	2.55	76	5584	0.497	ug/l	100
18) Methyl Acetate	2.75	43	1412	0.308	ug/l	94
20) Methylene Chloride	2.83	84	1113	0.290	ug/l #	87
21) trans-1,2-Dichloroethene	3.15	96	1259	0.342	ug/l	96
22) Diisopropyl ether	3.83	45	2513	0.220	ug/l #	90
23) Vinyl Acetate	3.78	43	7724	0.769	ug/l	94
24) 1,1-Dichloroethane	3.68	63	1278	0.200	ug/l #	82
25) 2-Butanone	4.65	43	3709	1.235	ug/l	97
26) 2,2-Dichloropropane	4.55	77	1379	0.237	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	1389m	0.346	ug/l	
28) Bromochloromethane	4.98	49	681	0.234	ug/l #	98
29) Tetrahydrofuran	5.10	42	2500	1.256	ug/l #	76
30) Chloroform	5.18	83	1366	0.215	ug/l #	78
31) Cyclohexane	5.56	56	1390	0.240	ug/l #	79
32) 1,1,1-Trichloroethane	5.46	97	1326	0.229	ug/l #	50
36) 1,1-Dichloropropene	5.78	75	1529m	0.306	ug/l	
37) Ethyl Acetate	4.81	43	1276	0.221	ug/l #	83
39) Methylcyclohexane	7.44	83	1510	0.251	ug/l	86
40) Benzene	6.12	78	3313	0.227	ug/l	94
41) Methacrylonitrile	4.99	41	1123m	0.360	ug/l	
42) 1,2-Dichloroethane	6.17	62	1590	0.302	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	6.42	43	2110	0.229	ug/l #	89
44) Trichloroethene	7.19	130	1432	0.276	ug/l	82
45) 1,2-Dichloropropane	7.49	63	746	0.202	ug/l	92
46) Dibromomethane	7.64	93	618	0.246	ug/l	94
48) Methyl methacrylate	7.76	41	1001	0.229	ug/l #	72
49) 1,4-Dioxane	7.74	88	370	3.528	ug/l #	78
51) 4-Methyl-2-Pentanone	8.62	43	4755	0.842	ug/l	96
52) Toluene	8.77	92	1823	0.200	ug/l	95
53) t-1,3-Dichloropropene	9.02	75	1428	0.234	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1352	0.212	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	927	0.259	ug/l #	77
58) 2-Chloroethyl Vinyl ether	8.29	63	4384	1.409	ug/l	98
59) 2-Hexanone	9.48	43	3893	0.878	ug/l	98
64) Tetrachloroethene	9.32	164	1251	0.226	ug/l #	87
65) Chlorobenzene	10.12	112	2214	0.234	ug/l	91
67) Ethyl Benzene	10.24	91	3606	0.214	ug/l	94
68) m/p-Xylenes	10.34	106	2797	0.443	ug/l	95
69) o-Xylene	10.68	106	1221	0.201	ug/l	85
70) Styrene	10.70	104	2189	0.213	ug/l #	87
73) Isopropylbenzene	11.00	105	3377	0.213	ug/l	99
74) N-amyl acetate	10.88	43	1615	0.219	ug/l	95
76) 1,2,3-Trichloropropane	11.28	75	1112m	0.225	ug/l	
77) Bromobenzene	11.24	156	1091	0.267	ug/l	86
78) n-propylbenzene	11.34	91	4483	0.243	ug/l	97
79) 2-Chlorotoluene	11.41	91	2748	0.253	ug/l	87
80) 1,3,5-Trimethylbenzene	11.49	105	2746	0.205	ug/l	95
81) trans-1,4-Dichloro-2-buten	11.06	75	701m	0.338	ug/l	
82) 4-Chlorotoluene	11.49	91	3442	0.268	ug/l	95
83) tert-Butylbenzene	11.76	119	2524	0.219	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	3138	0.232	ug/l	99
85) sec-Butylbenzene	11.93	105	3349	0.215	ug/l	98
86) p-Isopropyltoluene	12.05	119	3589	0.248	ug/l #	80
87) 1,3-Dichlorobenzene	12.01	146	2278	0.310	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	2589m	0.347	ug/l	
89) n-Butylbenzene	12.37	91	3978	0.301	ug/l	96
91) 1,2-Dichlorobenzene	12.38	146	1902	0.269	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.98	75	428	0.329	ug/l	59
93) 1,2,4-Trichlorobenzene	13.63	180	2357	0.450	ug/l	95
94) Hexachlorobutadiene	13.77	225	919	0.380	ug/l	85
95) Naphthalene	13.82	128	5820	0.343	ug/l #	96
96) 1,2,3-Trichlorobenzene	14.00	180	2196	0.429	ug/l	93

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

