

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050520\
 Data File : VX016054.D
 Acq On : 05 May 2020 11:33
 Operator : JC/SP
 Sample : L2182-07 0.2PPB LOD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2020

Manual Integrations
 APPROVED

MMDadoda
 5/6/2020 12:27:05 PM

Quant Time: May 06 06:27:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:20:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	327515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	514543	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	465187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	228708	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	190745	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
35) Dibromofluoromethane	5.47	113	140733	43.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.34%	
50) Toluene-d8	8.70	98	569054	45.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.62%	
62) 4-Bromofluorobenzene	11.12	95	205846	43.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.18%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.18	85	773	0.223	ug/l	90
3) Chloromethane	1.32	50	1041m	0.259	ug/l	
4) Vinyl Chloride	1.39	62	868	0.202	ug/l	92
5) Bromomethane	1.64	94	885m	0.409	ug/l	
6) Chloroethane	1.72	64	699	0.267	ug/l #	71
7) Trichlorofluoromethane	1.92	101	1239	0.220	ug/l	86
8) Diethyl Ether	2.17	74	693m	0.292	ug/l	
9) 1,1,2-Trichlorotrifluoroet	2.37	101	799	0.246	ug/l #	85
10) Methyl Iodide	2.50	142	1220	0.279	ug/l #	93
11) Tert butyl alcohol	3.01	59	1127	1.034	ug/l #	73
12) 1,1-Dichloroethene	2.36	96	950	0.279	ug/l #	81
13) Acrolein	2.27	56	1133	1.661	ug/l	93
14) Allyl chloride	2.70	41	1327	0.213	ug/l	90
15) Acrylonitrile	3.12	53	2960	1.309	ug/l	97
16) Acetone	2.42	43	2756m	1.433	ug/l	
17) Carbon Disulfide	2.55	76	5897	0.509	ug/l #	94
18) Methyl Acetate	2.75	43	1243	0.263	ug/l #	87
19) Methyl tert-butyl Ether	3.16	73	2774	0.236	ug/l #	89
20) Methylene Chloride	2.84	84	1083	0.273	ug/l	90
21) trans-1,2-Dichloroethene	3.15	96	1420m	0.374	ug/l	
22) Diisopropyl ether	3.82	45	2680	0.228	ug/l #	92
23) Vinyl Acetate	3.79	43	8252	0.796	ug/l #	92
24) 1,1-Dichloroethane	3.67	63	1564	0.237	ug/l #	91
25) 2-Butanone	4.64	43	3065	0.989	ug/l	90
26) 2,2-Dichloropropane	4.56	77	1597	0.265	ug/l	90
27) cis-1,2-Dichloroethene	4.57	96	1327	0.320	ug/l	78
28) Bromochloromethane	4.99	49	872	0.290	ug/l #	90
29) Tetrahydrofuran	5.10	42	2765	1.347	ug/l #	76
30) Chloroform	5.18	83	1623	0.247	ug/l	98
31) Cyclohexane	5.56	56	1432	0.239	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	1387	0.233	ug/l #	50
36) 1,1-Dichloropropene	5.76	75	1669	0.330	ug/l #	86
38) Carbon Tetrachloride	5.76	117	1041	0.202	ug/l #	90
39) Methylcyclohexane	7.44	83	1387	0.227	ug/l #	86

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	6.12	78	3535	0.239	ug/l	95
41) Methacrylonitrile	5.01	41	948m	0.299	ug/l	
42) 1,2-Dichloroethane	6.16	62	1604	0.300	ug/l	87
43) Isopropyl Acetate	6.41	43	2468	0.263	ug/l	97
44) Trichloroethene	7.19	130	1329	0.252	ug/l	96
45) 1,2-Dichloropropane	7.49	63	779	0.208	ug/l #	66
46) Dibromomethane	7.65	93	598	0.235	ug/l	92
48) Methyl methacrylate	7.75	41	929	0.209	ug/l #	83
49) 1,4-Dioxane	7.72	88	414	3.889	ug/l #	83
51) 4-Methyl-2-Pentanone	8.62	43	5303	0.925	ug/l	99
52) Toluene	8.77	92	1958	0.212	ug/l	93
53) t-1,3-Dichloropropene	9.02	75	1592	0.257	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	1393	0.216	ug/l #	87
55) 1,1,2-Trichloroethane	9.20	97	781	0.215	ug/l	94
57) 1,3-Dichloropropane	9.36	76	1387	0.219	ug/l #	63
58) 2-Chloroethyl Vinyl ether	8.29	63	5069	1.605	ug/l	100
59) 2-Hexanone	9.48	43	4495	0.999	ug/l	96
61) 1,2-Dibromoethane	9.65	107	855	0.217	ug/l	92
64) Tetrachloroethene	9.32	164	1332	0.233	ug/l	94
65) Chlorobenzene	10.12	112	2315	0.238	ug/l	90
67) Ethyl Benzene	10.24	91	3697	0.213	ug/l	97
68) m/p-Xylenes	10.34	106	2766	0.425	ug/l	98
70) Styrene	10.70	104	2385	0.225	ug/l	94
73) Isopropylbenzene	11.00	105	3604	0.217	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	1144m	0.220	ug/l	
77) Bromobenzene	11.24	156	998	0.232	ug/l	79
78) n-propylbenzene	11.34	91	4366	0.226	ug/l	98
79) 2-Chlorotoluene	11.40	91	2536	0.222	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	2990	0.213	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	552m	0.253	ug/l	
82) 4-Chlorotoluene	11.49	91	3452	0.256	ug/l	100
83) tert-Butylbenzene	11.76	119	2464	0.204	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	2918	0.205	ug/l	99
85) sec-Butylbenzene	11.93	105	3585	0.219	ug/l	99
86) p-Isopropyltoluene	12.05	119	3527	0.232	ug/l #	73
87) 1,3-Dichlorobenzene	12.01	146	2184	0.283	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	2500m	0.319	ug/l	
89) n-Butylbenzene	12.37	91	3830	0.276	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	1828	0.246	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	347	0.254	ug/l	81
93) 1,2,4-Trichlorobenzene	13.63	180	1923	0.350	ug/l	94
94) Hexachlorobutadiene	13.77	225	914	0.360	ug/l	98
95) Naphthalene	13.82	128	5631	0.316	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	1945	0.362	ug/l	96

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

