

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000052.D
 Acq On : 09 Feb 2018 19:50
 Operator : JC/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ClientSampled :
 MDL02

Manual Integrations
 APPROVED

sam
 2/14/2018 5:30:09 PM

Quant Time: Feb 12 09:03:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	129183	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	212011	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	197955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	106616	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	69134	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
35) Dibromofluoromethane	5.52	113	58779	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
50) Toluene-d8	8.73	98	214222	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
62) 4-Bromofluorobenzene	11.15	95	84643	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	790	0.67	ug/l	# 71
3) Chloromethane	1.33	50	788	0.66	ug/l	96
4) Vinyl Chloride	1.41	62	843	0.63	ug/l	90
5) Bromomethane	1.65	94	1041	1.45	ug/l	92
7) Trichlorofluoromethane	1.94	101	1453	0.62	ug/l	92
8) Diethyl Ether	2.20	74	625	0.74	ug/l	71
9) 1,1,2-Trichlorotrifluoroet	2.39	101	926	0.70	ug/l	95
12) 1,1-Dichloroethene	2.39	96	780	0.62	ug/l	97
14) Allyl chloride	2.74	41	1419	0.65	ug/l	96
15) Acrylonitrile	3.16	53	3068	3.26	ug/l	98
16) Acetone	2.45	43	3215	4.02	ug/l	95
17) Carbon Disulfide	2.57	76	2889	0.79	ug/l	# 92
18) Methyl Acetate	2.79	43	1426	0.71	ug/l	# 88
19) Methyl tert-butyl Ether	3.22	73	2436	0.57	ug/l	# 83
20) Methylene Chloride	2.87	84	877	0.66	ug/l	# 81
21) trans-1,2-Dichloroethene	3.18	96	934	0.69	ug/l	88
22) Diisopropyl ether	3.88	45	2032	0.56	ug/l	# 94
23) Vinyl Acetate	3.83	43	7651	2.35	ug/l	97
24) 1,1-Dichloroethane	3.71	63	1424	0.64	ug/l	# 83
25) 2-Butanone	4.73	43	4212	3.49	ug/l	# 85
26) 2,2-Dichloropropane	4.60	77	1106	0.58	ug/l	# 76
27) cis-1,2-Dichloroethene	4.62	96	944	0.71	ug/l	89
28) Bromochloromethane	5.03	49	363	0.49	ug/l	# 49
29) Tetrahydrofuran	5.19	42	2578	3.12	ug/l	94
30) Chloroform	5.22	83	1323	0.59	ug/l	# 68
31) Cyclohexane	5.58	56	1042	0.57	ug/l	# 76
32) 1,1,1-Trichloroethane	5.51	97	1357	0.64	ug/l	# 48
36) 1,1-Dichloropropene	5.81	75	1143	0.62	ug/l	# 90
37) Ethyl Acetate	4.88	43	1749	0.73	ug/l	# 69
38) Carbon Tetrachloride	5.79	117	1279	0.62	ug/l	# 70
39) Methylcyclohexane	7.48	83	1264	0.56	ug/l	93
40) Benzene	6.16	78	2864	0.55	ug/l	# 87
41) Methacrylonitrile	5.09	41	1031	0.84	ug/l	# 76
42) 1,2-Dichloroethane	6.20	62	1010	0.54	ug/l	# 74

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
 Data File : VX000052.D
 Acq On : 09 Feb 2018 19:50
 Operator : JC/MD
 Sample : MDL02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 MDL02

Manual Integrations
 APPROVED

sam
 2/14/2018 5:30:09 PM

Quant Time: Feb 12 09:03:54 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 09 23:01:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Isopropyl Acetate	6.48	43	1986	0.55	ug/l #	87
44) Trichloroethene	7.23	130	1013	0.63	ug/l	95
45) 1,2-Dichloropropane	7.53	63	651	0.51	ug/l #	85
46) Dibromomethane	7.67	93	573	0.59	ug/l #	83
47) Bromodichloromethane	7.91	83	941	0.49	ug/l #	77
48) Methyl methacrylate	7.79	41	1145	0.65	ug/l #	85
49) 1,4-Dioxane	7.78	88	459	9.77	ug/l #	77
51) 4-Methyl-2-Pentanone	8.66	43	6407	2.56	ug/l	99
52) Toluene	8.79	92	1894	0.54	ug/l	96
53) t-1,3-Dichloropropene	8.45	75	1159	0.52	ug/l #	88
54) cis-1,3-Dichloropropene	9.06	75	1041	0.48	ug/l #	84
55) 1,1,2-Trichloroethane	9.23	97	769	0.52	ug/l #	87
56) Ethyl methacrylate	9.20	69	1144	0.51	ug/l #	79
57) 1,3-Dichloropropane	9.38	76	1292	0.57	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.32	63	2943	2.64	ug/l	95
59) 2-Hexanone	9.51	43	5449	2.68	ug/l	97
60) Dibromochloromethane	9.59	129	728	0.43	ug/l	88
61) 1,2-Dibromoethane	9.68	107	796	0.49	ug/l	97
64) Tetrachloroethene	9.34	164	901	0.61	ug/l #	86
65) Chlorobenzene	10.15	112	2428	0.59	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.23	131	775	0.52	ug/l #	67
67) Ethyl Benzene	10.26	91	4016	0.59	ug/l	93
68) m/p-Xylenes	10.37	106	3035	1.12	ug/l	99
69) o-Xylene	10.71	106	1342	0.51	ug/l	96
70) Styrene	10.72	104	2303	0.52	ug/l	98
71) Bromoform	10.87	173	655	0.47	ug/l #	86
73) Isopropylbenzene	11.02	105	4099	0.61	ug/l	98
74) N-amyl acetate	6.48	43	1986	0.59	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.28	83	1169	0.51	ug/l	94
76) 1,2,3-Trichloropropane	11.30	75	1200m	0.60	ug/l	
77) Bromobenzene	11.26	156	1142	0.62	ug/l	96
78) n-propylbenzene	11.37	91	4799	0.61	ug/l	96
79) 2-Chlorotoluene	11.43	91	2800	0.62	ug/l	92
80) 1,3,5-Trimethylbenzene	11.52	105	3179	0.56	ug/l	94
81) trans-1,4-Dichloro-2-buten	11.08	75	401m	0.49	ug/l	
82) 4-Chlorotoluene	11.52	91	3541	0.65	ug/l	100
83) tert-Butylbenzene	11.78	119	3238	0.57	ug/l	92
84) 1,2,4-Trimethylbenzene	11.82	105	3568	0.62	ug/l	94
85) sec-Butylbenzene	11.96	105	4129	0.59	ug/l	99
86) p-Isopropyltoluene	12.07	119	4182	0.66	ug/l	93
87) 1,3-Dichlorobenzene	12.04	146	2213	0.64	ug/l	95
88) 1,4-Dichlorobenzene	12.11	146	2479m	0.70	ug/l	
89) n-Butylbenzene	12.40	91	3900	0.66	ug/l	99
90) Hexachloroethane	12.60	117	546	0.49	ug/l	90
91) 1,2-Dichlorobenzene	12.40	146	2114	0.62	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	383	0.58	ug/l	93
93) 1,2,4-Trichlorobenzene	13.66	180	1733	0.67	ug/l	98
94) Hexachlorobutadiene	13.79	225	740	0.61	ug/l	99
95) Naphthalene	13.85	128	4864	0.58	ug/l #	97
96) 1,2,3-Trichlorobenzene	14.03	180	1585	0.63	ug/l	94

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX020918\
Data File : VX000052.D
Acq On : 09 Feb 2018 19:50
Operator : JC/MD
Sample : MDL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ClientSampleId :
MDL02

Manual Integrations
APPROVED

sam
2/14/2018 5:30:09 PM

Quant Time: Feb 12 09:03:54 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X020918W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 09 23:01:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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

