

Data Path : W:\HPCHEM1\MSVOA X\DATA\WX053118\
 Data File : VX002213.D
 Acq On : 01 Jun 2018 12:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:19 PM

Quant Time: Jun 01 16:16:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	216809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303117	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	286496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198213	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	199015	51.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.70%	
35) Dibromofluoromethane	5.51	113	151005	49.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.64%	
50) Toluene-d8	8.72	98	595321	54.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.50%	
62) 4-Bromofluorobenzene	11.14	95	228189	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109293	39.868	ug/l	98
3) Chloromethane	1.32	50	143365	42.977	ug/l	99
4) Vinyl Chloride	1.41	62	153807	47.752	ug/l	100
5) Bromomethane	1.64	94	89582	60.627	ug/l	98
6) Chloroethane	1.72	64	100494	52.926	ug/l	100
7) Trichlorofluoromethane	1.93	101	255974	52.919	ug/l	99
8) Diethyl Ether	2.19	74	96368	54.910	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	145203	53.796	ug/l	97
10) Methyl Iodide	2.51	142	188428	51.594	ug/l	97
11) Tert butyl alcohol	3.08	59	198942	261.516	ug/l	98
12) 1,1-Dichloroethene	2.37	96	131288	51.952	ug/l	95
13) Acrolein	2.30	56	65235	198.336	ug/l	100
14) Allyl chloride	2.73	41	282642	53.282	ug/l	97
15) Acrylonitrile	3.15	53	432546	276.504	ug/l	100
16) Acetone	2.45	43	447590	299.259	ug/l	99
17) Carbon Disulfide	2.57	76	306117	42.089	ug/l	99
18) Methyl Acetate	2.78	43	219918	61.294	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	516554	54.347	ug/l	99
20) Methylene Chloride	2.86	84	152198	59.074	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	140407	57.301	ug/l	98
22) Diisopropyl ether	3.88	45	506580	46.950	ug/l	99
23) Vinyl Acetate	3.83	43	2205723	246.559	ug/l	99
24) 1,1-Dichloroethane	3.70	63	285002	55.605	ug/l	99
25) 2-Butanone	4.71	43	606886	221.388	ug/l	99
26) 2,2-Dichloropropane	4.59	77	217381	41.902	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149885	45.485	ug/l	97
28) Bromochloromethane	5.03	49	130559	61.073	ug/l	98
29) Tetrahydrofuran	5.17	42	383936	215.269	ug/l	98
30) Chloroform	5.22	83	266386	46.132	ug/l	99
31) Cyclohexane	5.58	56	230707	43.203	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	235455	43.737	ug/l	99
36) 1,1-Dichloropropene	5.81	75	192848	45.739	ug/l	99
37) Ethyl Acetate	4.87	43	233045	42.397	ug/l	99
38) Carbon Tetrachloride	5.79	117	204614	41.617	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002213.D
 Acq On : 01 Jun 2018 12:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:19 PM

Quant Time: Jun 01 16:16:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	235585	45.481	ug/l	98
40) Benzene	6.15	78	578697	46.850	ug/l	99
41) Methacrylonitrile	5.07	41	133068	45.760	ug/l	99
42) 1,2-Dichloroethane	6.20	62	228692	46.350	ug/l	99
43) Isopropyl Acetate	6.47	43	396773	43.322	ug/l	99
44) Trichloroethene	7.22	130	165199	45.895	ug/l	100
45) 1,2-Dichloropropane	7.52	63	158707	47.311	ug/l	100
46) Dibromomethane	7.67	93	103499	46.601	ug/l	99
47) Bromodichloromethane	7.90	83	194636	41.101	ug/l	99
48) Methyl methacrylate	7.78	41	205278	44.038	ug/l	98
49) 1,4-Dioxane	7.76	88	71949	875.898	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1285339	232.807	ug/l	99
52) Toluene	8.79	92	380745	48.435	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	239395	43.892	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	226950	42.702	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	156643	47.700	ug/l	98
56) Ethyl methacrylate	9.18	69	248681	44.026	ug/l	98
57) 1,3-Dichloropropane	9.38	76	258648	47.810	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	560573	223.910	ug/l	100
59) 2-Hexanone	9.50	43	996505	234.081	ug/l	100
60) Dibromochloromethane	9.59	129	160083	41.156	ug/l	99
61) 1,2-Dibromoethane	9.68	107	164801	47.826	ug/l	99
64) Tetrachloroethene	9.34	164	186736	45.460	ug/l	99
65) Chlorobenzene	10.15	112	433150	47.720	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	160420	43.767	ug/l	100
67) Ethyl Benzene	10.26	91	755286	47.892	ug/l	99
68) m/p-Xylenes	10.37	106	584957	97.031	ug/l	99
69) o-Xylene	10.70	106	285848	47.488	ug/l	99
70) Styrene	10.71	104	476058	47.689	ug/l	100
71) Bromoform	10.86	173	126040	36.265	ug/l #	100
73) Isopropylbenzene	11.02	105	777546	46.324	ug/l	100
74) N-amyl acetate	6.47	43	396773	45.269	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	231308	50.397	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	240731m	50.563	ug/l	
77) Bromobenzene	11.26	156	205396	46.123	ug/l	96
78) n-propylbenzene	11.37	91	883217	46.982	ug/l	100
79) 2-Chlorotoluene	11.43	91	523624	50.813	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	663009	46.221	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	69782	35.227	ug/l	89
82) 4-Chlorotoluene	11.52	91	621367	46.864	ug/l	100
83) tert-Butylbenzene	11.77	119	646594	45.936	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	682228	46.024	ug/l	99
85) sec-Butylbenzene	11.95	105	795873	47.036	ug/l	100
86) p-Isopropyltoluene	12.07	119	716889	47.347	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	376434	47.200	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	380469	47.717	ug/l	100
89) n-Butylbenzene	12.39	91	621339	48.430	ug/l	100
90) Hexachloroethane	12.60	117	109366	36.619	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	385551	47.447	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54460	36.494	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
Data File : VX002213.D
Acq On : 01 Jun 2018 12:01
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:19 PM

Quant Time: Jun 01 16:16:30 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	277041	47.679	ug/l	99
94) Hexachlorobutadiene	13.79	225	146265	46.795	ug/l	99
95) Naphthalene	13.84	128	815974	45.580	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281643	46.844	ug/l	100

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

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002213.D
 Acq On : 01 Jun 2018 12:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sample ID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:19 PM

Quant Time: Jun 01 16:16:30 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

