

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000269.D
 Acq On : 12 Mar 2018 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 3/13/2018 10:58:27 AM

Quant Time: Mar 13 04:42:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	136775	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	224292	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	235473	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	153355	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	87259	46.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.04%	
35) Dibromofluoromethane	5.51	113	68321	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.73	98	283958	48.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.15	95	113988	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61152	41.03	ug/l	93
3) Chloromethane	1.32	50	58740	40.37	ug/l	99
4) Vinyl Chloride	1.41	62	68124	40.18	ug/l	100
5) Bromomethane	1.64	94	85383	48.31	ug/l	100
6) Chloroethane	1.73	64	46192	43.64	ug/l	96
7) Trichlorofluoromethane	1.93	101	125353	44.56	ug/l	98
8) Diethyl Ether	2.20	74	42399	41.06	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68741	43.75	ug/l	98
10) Methyl Iodide	2.52	142	62456	38.63	ug/l	99
11) Tert butyl alcohol	3.07	59	129111	185.32	ug/l	100
12) 1,1-Dichloroethene	2.38	96	60593	42.00	ug/l	98
13) Acrolein	2.30	56	94257	257.34	ug/l	95
14) Allyl chloride	2.73	41	111799	41.95	ug/l	98
15) Acrylonitrile	3.15	53	246832	203.59	ug/l	99
16) Acetone	2.45	43	312731	229.68	ug/l	100
17) Carbon Disulfide	2.57	76	163336	41.32	ug/l	100
18) Methyl Acetate	2.78	43	118350	40.81	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	221247	43.07	ug/l	98
20) Methylene Chloride	2.86	84	67220	41.39	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	68710	43.31	ug/l	98
22) Diisopropyl ether	3.88	45	194758	42.56	ug/l	98
23) Vinyl Acetate	3.83	43	1014699	230.07	ug/l	99
24) 1,1-Dichloroethane	3.70	63	119982	42.77	ug/l	100
25) 2-Butanone	4.71	43	351378	209.11	ug/l	97
26) 2,2-Dichloropropane	4.59	77	93297	45.50	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	65710	43.68	ug/l	97
28) Bromochloromethane	5.03	49	61887	51.91	ug/l	99
29) Tetrahydrofuran	5.18	42	215703	204.38	ug/l	99
30) Chloroform	5.23	83	117693	43.39	ug/l	95
31) Cyclohexane	5.59	56	96338	46.44	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	107122	45.55	ug/l	99
36) 1,1-Dichloropropene	5.81	75	90777	45.49	ug/l	99
37) Ethyl Acetate	4.87	43	117489	40.74	ug/l	99
38) Carbon Tetrachloride	5.79	117	92916	46.00	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
 Data File : VX000269.D
 Acq On : 12 Mar 2018 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 3/13/2018 10:58:27 AM

Quant Time: Mar 13 04:42:27 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 08 02:15:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	114502	46.76	ug/l	96
40) Benzene	6.15	78	259579	45.10	ug/l	96
41) Methacrylonitrile	5.07	41	60830	41.38	ug/l	99
42) 1,2-Dichloroethane	6.21	62	101374	44.90	ug/l	99
43) Isopropyl Acetate	6.48	43	188153	45.12	ug/l	100
44) Trichloroethene	7.23	130	75075	45.57	ug/l	100
45) 1,2-Dichloropropane	7.52	63	68067	46.69	ug/l	98
46) Dibromomethane	7.67	93	51769	44.89	ug/l	98
47) Bromodichloromethane	7.91	83	96235	47.43	ug/l	94
48) Methyl methacrylate	7.79	41	90489	44.06	ug/l	98
49) 1,4-Dioxane	7.77	88	38742	830.90	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	710447	225.72	ug/l	100
52) Toluene	8.79	92	187029	47.41	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	114645	47.95	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	116939	50.56	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	75860	47.48	ug/l	96
56) Ethyl methacrylate	9.19	69	117546	49.16	ug/l	98
57) 1,3-Dichloropropane	9.38	76	123569	46.06	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	311303	257.86	ug/l	99
59) 2-Hexanone	9.51	43	619395	230.80	ug/l	100
60) Dibromochloromethane	9.59	129	83073	49.31	ug/l	100
61) 1,2-Dibromoethane	9.68	107	85451	48.16	ug/l	99
64) Tetrachloroethene	9.34	164	75859	46.04	ug/l	98
65) Chlorobenzene	10.15	112	220351	46.34	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	77449	47.64	ug/l	99
67) Ethyl Benzene	10.26	91	382703	46.11	ug/l	98
68) m/p-Xylenes	10.37	106	311550	97.54	ug/l	98
69) o-Xylene	10.71	106	146756	47.80	ug/l	99
70) Styrene	10.72	104	247602	48.62	ug/l	99
71) Bromoform	10.87	173	67406	41.19	ug/l #	100
73) Isopropylbenzene	11.02	105	406435	42.33	ug/l	99
74) N-amyl acetate	6.48	43	188153	38.30	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	140840	41.84	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	126512m	41.15	ug/l	
77) Bromobenzene	11.26	156	101160	40.75	ug/l	97
78) n-propylbenzene	11.37	91	484382	42.87	ug/l	100
79) 2-Chlorotoluene	11.43	91	271726	42.63	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	363072	45.29	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.09	75	43582	43.41	ug/l	99
82) 4-Chlorotoluene	11.52	91	347471	44.83	ug/l	100
83) tert-Butylbenzene	11.78	119	347677	44.57	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	369606	44.84	ug/l	100
85) sec-Butylbenzene	11.96	105	444105	45.01	ug/l	100
86) p-Isopropyltoluene	12.07	119	407377	46.82	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	212367	45.00	ug/l	98
88) 1,4-Dichlorobenzene	12.11	146	224468	45.38	ug/l	99
89) n-Butylbenzene	12.40	91	387143	46.20	ug/l	100
90) Hexachloroethane	12.60	117	62593	44.65	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	211330	45.23	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	38143	40.35	ug/l	94

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031218\
Data File : VX000269.D
Acq On : 12 Mar 2018 10:15
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
3/13/2018 10:58:27 AM

Quant Time: Mar 13 04:42:27 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X030718W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 08 02:15:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	147657	43.44	ug/l	99
94) Hexachlorobutadiene	13.79	225	62090	43.89	ug/l	99
95) Naphthalene	13.84	128	520723	43.90	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	145336	43.22	ug/l	98

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

