

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\
 Data File : VX000102.D
 Acq On : 15 Feb 2018 21:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 2/16/2018 4:51:15 PM

Quant Time: Feb 16 12:25:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	110947	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	185668	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	187353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	113382	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	72731	52.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.98%	
35) Dibromofluoromethane	5.51	113	60216	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
50) Toluene-d8	8.73	98	242115	52.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.76%	
62) 4-Bromofluorobenzene	11.15	95	96062	53.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	58682	51.37	ug/l	99
3) Chloromethane	1.32	50	56889	50.78	ug/l	99
4) Vinyl Chloride	1.41	62	65063	52.13	ug/l	97
5) Bromomethane	1.64	94	50376	50.86	ug/l	99
6) Chloroethane	1.72	64	40910	48.80	ug/l	97
7) Trichlorofluoromethane	1.93	101	110389	49.46	ug/l	99
8) Diethyl Ether	2.19	74	39087	50.75	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59173	47.44	ug/l	99
10) Methyl Iodide	2.51	142	56131	41.08	ug/l	98
11) Tert butyl alcohol	3.07	59	132291	247.77	ug/l	99
12) 1,1-Dichloroethene	2.38	96	56460	48.59	ug/l	98
13) Acrolein	2.30	56	46165	181.02	ug/l	97
14) Allyl chloride	2.73	41	100086	51.45	ug/l	99
15) Acrylonitrile	3.15	53	231322	253.69	ug/l	100
16) Acetone	2.45	43	254303	283.01	ug/l	98
17) Carbon Disulfide	2.57	76	154617	45.20	ug/l	99
18) Methyl Acetate	2.78	43	110957	52.66	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	202380	50.75	ug/l	99
20) Methylene Chloride	2.86	84	60084	52.64	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	61317	48.68	ug/l	96
22) Diisopropyl ether	3.88	45	191619	56.38	ug/l	98
23) Vinyl Acetate	3.83	43	893447	282.90	ug/l	99
24) 1,1-Dichloroethane	3.70	63	104243	51.77	ug/l	99
25) 2-Butanone	4.71	43	325788	259.70	ug/l	99
26) 2,2-Dichloropropane	4.59	77	85389	48.79	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	59093	49.24	ug/l	99
28) Bromochloromethane	5.03	49	42034	46.56	ug/l	96
29) Tetrahydrofuran	5.18	42	209182	256.07	ug/l	99
30) Chloroform	5.23	83	108460	51.18	ug/l	99
31) Cyclohexane	5.58	56	84862	49.02	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	99742	51.15	ug/l	98
36) 1,1-Dichloropropene	5.81	75	80226	48.15	ug/l	98
37) Ethyl Acetate	4.87	43	110822	48.41	ug/l	98
38) Carbon Tetrachloride	5.79	117	88995	49.45	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\
 Data File : VX000102.D
 Acq On : 15 Feb 2018 21:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

sam
 2/16/2018 4:51:15 PM

Quant Time: Feb 16 12:25:42 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	98167	48.94	ug/l	99
40) Benzene	6.15	78	234518	49.26	ug/l	99
41) Methacrylonitrile	5.07	41	57667	52.52	ug/l	98
42) 1,2-Dichloroethane	6.21	62	89598	51.30	ug/l	99
43) Isopropyl Acetate	6.48	43	168909	51.17	ug/l	99
44) Trichloroethene	7.22	130	69169	49.34	ug/l	97
45) 1,2-Dichloropropane	7.52	63	59595	51.08	ug/l	98
46) Dibromomethane	7.67	93	46274	50.83	ug/l	97
47) Bromodichloromethane	7.91	83	88928	52.88	ug/l	99
48) Methyl methacrylate	7.79	41	81270	50.23	ug/l	99
49) 1,4-Dioxane	7.77	88	42509	1001.92	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	631211	261.60	ug/l	99
52) Toluene	8.79	92	162082	50.97	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	103007	52.09	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	104513	53.23	ug/l	99
55) 1,1,2-Trichloroethane	9.23	97	67774	51.53	ug/l	98
56) Ethyl methacrylate	9.19	69	107648	53.34	ug/l	98
57) 1,3-Dichloropropane	9.38	76	108045	51.72	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	249145	244.23	ug/l	99
59) 2-Hexanone	9.51	43	540565	264.60	ug/l	100
60) Dibromochloromethane	9.59	129	80882	54.29	ug/l	99
61) 1,2-Dibromoethane	9.68	107	75799	51.94	ug/l	99
64) Tetrachloroethene	9.34	164	69016	50.58	ug/l	99
65) Chlorobenzene	10.15	112	196401	49.65	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	71457	51.63	ug/l	99
67) Ethyl Benzene	10.26	91	329826	49.67	ug/l	99
68) m/p-Xylenes	10.37	106	267256	101.65	ug/l	99
69) o-Xylene	10.71	106	128731	50.77	ug/l	99
70) Styrene	10.72	104	217719	52.51	ug/l	99
71) Bromoform	10.87	173	67275	53.52	ug/l #	99
73) Isopropylbenzene	11.02	105	342659	47.68	ug/l	98
74) N-amyl acetate	6.48	43	168909	46.53	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	119242	47.65	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	106458m	45.33	ug/l	
77) Bromobenzene	11.26	156	92764	47.63	ug/l	99
78) n-propylbenzene	11.37	91	402456	47.50	ug/l	100
79) 2-Chlorotoluene	11.43	91	236016	48.69	ug/l	100
80) 1,3,5-Trimethylbenzene	11.52	105	296697	48.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	36321	44.04	ug/l	99
82) 4-Chlorotoluene	11.52	91	282721	48.21	ug/l	99
83) tert-Butylbenzene	11.78	119	288418	47.01	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	307452	48.74	ug/l	100
85) sec-Butylbenzene	11.96	105	360267	47.28	ug/l	99
86) p-Isopropyltoluene	12.07	119	326574	47.97	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	179065	47.93	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	182718	47.33	ug/l	99
89) n-Butylbenzene	12.40	91	302578	47.13	ug/l	98
90) Hexachloroethane	12.60	117	53181	47.98	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	173641	47.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	28990	41.73	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021518\
Data File : VX000102.D
Acq On : 15 Feb 2018 21:46
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

sam
2/16/2018 4:51:15 PM

Quant Time: Feb 16 12:25:42 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.66	180	128162	46.46	ug/l	99
94) Hexachlorobutadiene	13.79	225	56087	46.59	ug/l	98
95) Naphthalene	13.85	128	452244	48.35	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	127736	46.91	ug/l	99

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

