

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000058.D
 Acq On : 12 Feb 2018 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/15/2018 6:05:07 PM

Quant Time: Feb 13 02:09:51 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	157771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	237678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	227498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	131377	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	71922	43.63	ug/l	-0.01
Spiked Amount						
			Recovery	=		87.26%
35) Dibromofluoromethane	5.51	113	67362	48.54	ug/l	0.00
Spiked Amount						
			Recovery	=		97.08%
50) Toluene-d8	8.73	98	240642	46.59	ug/l	0.00
Spiked Amount						
			Recovery	=		93.18%
62) 4-Bromofluorobenzene	11.15	95	99722	47.48	ug/l	0.00
Spiked Amount						
			Recovery	=		94.96%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	67607	47.29	ug/l	96
3) Chloromethane	1.32	50	67008	46.03	ug/l	94
4) Vinyl Chloride	1.41	62	76821	46.82	ug/l	98
5) Bromomethane	1.64	94	55173	62.96	ug/l	99
6) Chloroethane	1.72	64	48231	48.90	ug/l	100
7) Trichlorofluoromethane	1.93	101	134092	46.90	ug/l	97
8) Diethyl Ether	2.20	74	46665	45.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	77242	47.83	ug/l	100
10) Methyl Iodide	2.51	142	94127	48.07	ug/l	99
11) Tert butyl alcohol	3.08	59	166624	252.61	ug/l	100
12) 1,1-Dichloroethene	2.38	96	69964	45.70	ug/l	100
13) Acrolein	2.30	56	78395	231.55	ug/l	98
14) Allyl chloride	2.73	41	120743	45.27	ug/l	98
15) Acrylonitrile	3.15	53	275770	239.96	ug/l	100
16) Acetone	2.45	43	229122	234.77	ug/l	100
17) Carbon Disulfide	2.57	76	208292	46.70	ug/l	99
18) Methyl Acetate	2.78	43	125694	51.08	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	241680	46.13	ug/l	99
20) Methylene Chloride	2.86	84	73985	45.28	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	76895	46.67	ug/l	99
22) Diisopropyl ether	3.88	45	220908	50.16	ug/l	98
23) Vinyl Acetate	3.83	43	1039938	261.19	ug/l	99
24) 1,1-Dichloroethane	3.70	63	126772	46.30	ug/l	99
25) 2-Butanone	4.72	43	369592	250.92	ug/l	98
26) 2,2-Dichloropropane	4.59	77	113041	48.18	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	77151	47.78	ug/l	99
28) Bromochloromethane	5.03	49	40516	44.63	ug/l	99
29) Tetrahydrofuran	5.18	42	254643	252.30	ug/l	100
30) Chloroform	5.23	83	133040	48.21	ug/l	98
31) Cyclohexane	5.59	56	108690	48.32	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	126117	48.55	ug/l	99
36) 1,1-Dichloropropene	5.81	75	101094	48.85	ug/l	99
37) Ethyl Acetate	4.87	43	132294	49.51	ug/l	100
38) Carbon Tetrachloride	5.79	117	117809	50.70	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
 Data File : VX000058.D
 Acq On : 12 Feb 2018 09:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/15/2018 6:05:07 PM

Quant Time: Feb 13 02:09:51 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)
39) Methylcyclohexane	7.47	83	129756	51.65	ug/l	98
40) Benzene	6.15	78	287526	49.16	ug/l	99
41) Methacrylonitrile	5.07	41	67646	49.28	ug/l	98
42) 1,2-Dichloroethane	6.21	62	102915	49.26	ug/l	100
43) Isopropyl Acetate	6.48	43	199022	49.39	ug/l	100
44) Trichloroethene	7.22	130	91245	50.42	ug/l	98
45) 1,2-Dichloropropane	7.52	63	71280	50.13	ug/l	96
46) Dibromomethane	7.67	93	55999	51.02	ug/l	99
47) Bromodichloromethane	7.91	83	106860	50.07	ug/l	99
48) Methyl methacrylate	7.79	41	96422	48.75	ug/l	99
49) 1,4-Dioxane	7.77	88	55869	1060.54	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	729983	260.01	ug/l	99
52) Toluene	8.79	92	199119	50.68	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	127003	50.87	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	127188	52.42	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	81092	49.22	ug/l	99
56) Ethyl methacrylate	9.19	69	129585	51.27	ug/l	100
57) 1,3-Dichloropropane	9.38	76	128739	50.23	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	320063	256.39	ug/l	100
59) 2-Hexanone	9.51	43	608786	266.61	ug/l	100
60) Dibromochloromethane	9.59	129	99405	52.46	ug/l	99
61) 1,2-Dibromoethane	9.68	107	92472	50.96	ug/l	97
64) Tetrachloroethene	9.34	164	88780	52.42	ug/l	99
65) Chlorobenzene	10.15	112	235133	49.72	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	86249	50.73	ug/l	98
67) Ethyl Benzene	10.26	91	392162	50.03	ug/l	99
68) m/p-Xylenes	10.37	106	316256	101.31	ug/l	99
69) o-Xylene	10.71	106	152894	50.74	ug/l	99
70) Styrene	10.72	104	254580	50.01	ug/l	99
71) Bromoform	10.87	173	88076	54.76	ug/l #	100
73) Isopropylbenzene	11.02	105	412915	49.53	ug/l	100
74) N-amyl acetate	6.48	43	199022	47.70	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.28	83	137940	48.64	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	125452m	50.70	ug/l	
77) Bromobenzene	11.26	156	113617	50.23	ug/l	99
78) n-propylbenzene	11.37	91	484346	50.11	ug/l	99
79) 2-Chlorotoluene	11.43	91	277484	49.65	ug/l	99
80) 1,3,5-Trimethylbenzene	11.52	105	350680	50.21	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.09	75	52399	52.40	ug/l	97
82) 4-Chlorotoluene	11.52	91	332247	49.75	ug/l	100
83) tert-Butylbenzene	11.78	119	351897	49.87	ug/l	99
84) 1,2,4-Trimethylbenzene	11.82	105	357852	50.07	ug/l	100
85) sec-Butylbenzene	11.96	105	435525	50.16	ug/l	100
86) p-Isopropyltoluene	12.07	119	397748	50.95	ug/l	100
87) 1,3-Dichlorobenzene	12.04	146	213892	50.19	ug/l	99
88) 1,4-Dichlorobenzene	12.11	146	217964	49.98	ug/l	99
89) n-Butylbenzene	12.40	91	365586	50.12	ug/l	99
90) Hexachloroethane	12.60	117	69940	51.23	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	205746	49.34	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40359	49.70	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX021218\
Data File : VX000058.D
Acq On : 12 Feb 2018 09:54
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/15/2018 6:05:07 PM

Quant Time: Feb 13 02:09:51 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)
93) 1,2,4-Trichlorobenzene	13.66	180	160634	50.36	ug/l	99
94) Hexachlorobutadiene	13.79	225	78330	52.06	ug/l	99
95) Naphthalene	13.84	128	517673	49.94	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	154233	49.70	ug/l	99

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

