

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
 Data File : VX001680.D
 Acq On : 12 May 2018 21:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 5/15/2018 6:31:56 PM

Quant Time: May 14 07:25:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	223595	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	289461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194160	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	145532	45.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.56%	
35) Dibromofluoromethane	5.51	113	123153	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
50) Toluene-d8	8.72	98	433177	46.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.18%	
62) 4-Bromofluorobenzene	11.14	95	161341	44.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142668	47.40	ug/l	99
3) Chloromethane	1.32	50	135498	46.22	ug/l	99
4) Vinyl Chloride	1.40	62	147925	48.35	ug/l	99
5) Bromomethane	1.64	94	59101	41.63	ug/l	99
6) Chloroethane	1.72	64	99683	49.29	ug/l	99
7) Trichlorofluoromethane	1.93	101	232890	50.58	ug/l	100
8) Diethyl Ether	2.19	74	92936	51.50	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	137633	50.99	ug/l	99
10) Methyl Iodide	2.51	142	166690	42.80	ug/l	99
11) Tert butyl alcohol	3.09	59	170734	251.97	ug/l	99
12) 1,1-Dichloroethene	2.37	96	125383	50.68	ug/l	99
13) Acrolein	2.30	56	23074	168.96	ug/l	96
14) Allyl chloride	2.73	41	240796	52.20	ug/l	97
15) Acrylonitrile	3.15	53	400712	261.71	ug/l	99
16) Acetone	2.45	43	350130	239.93	ug/l	99
17) Carbon Disulfide	2.57	76	285249	45.30	ug/l	99
18) Methyl Acetate	2.78	43	224829	58.64	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	453413	52.64	ug/l	97
20) Methylene Chloride	2.86	84	145531	50.37	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	133270	48.27	ug/l	98
22) Diisopropyl ether	3.88	45	468547	54.36	ug/l	99
23) Vinyl Acetate	3.83	43	1887166	262.72	ug/l	100
24) 1,1-Dichloroethane	3.70	63	250369	52.00	ug/l	99
25) 2-Butanone	4.71	43	543121	257.47	ug/l	99
26) 2,2-Dichloropropane	4.59	77	180099	48.44	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	157207	53.46	ug/l	94
28) Bromochloromethane	5.03	49	115363	55.26	ug/l	100
29) Tetrahydrofuran	5.17	42	348584	258.27	ug/l	100
30) Chloroform	5.22	83	274728	55.39	ug/l	96
31) Cyclohexane	5.57	56	211503	51.15	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	240763	55.54	ug/l	99
36) 1,1-Dichloropropene	5.81	75	188840	51.29	ug/l	100
37) Ethyl Acetate	4.87	43	208819	51.74	ug/l	100
38) Carbon Tetrachloride	5.79	117	217183	55.31	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\WX051218\
 Data File : VX001680.D
 Acq On : 12 May 2018 21:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 5/15/2018 6:31:56 PM

Quant Time: May 14 07:25:06 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	219648	50.46	ug/l	97
40) Benzene	6.15	78	582606	54.17	ug/l	98
41) Methacrylonitrile	5.07	41	120495	52.18	ug/l	98
42) 1,2-Dichloroethane	6.20	62	222430	53.81	ug/l	100
43) Isopropyl Acetate	6.47	43	329116	53.12	ug/l	99
44) Trichloroethene	7.22	130	176096	53.57	ug/l	99
45) 1,2-Dichloropropane	7.52	63	146615	54.68	ug/l	99
46) Dibromomethane	7.67	93	102384	53.94	ug/l	98
47) Bromodichloromethane	7.90	83	202673	57.70	ug/l	98
48) Methyl methacrylate	7.78	41	179042	53.07	ug/l	98
49) 1,4-Dioxane	7.76	88	76318	1047.01	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1127268	273.78	ug/l	98
52) Toluene	8.79	92	385952	54.88	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	226098	56.95	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	206134	50.21	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	153981	54.35	ug/l	98
56) Ethyl methacrylate	9.19	69	219712	53.80	ug/l	97
57) 1,3-Dichloropropane	9.38	76	251267	53.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	573649	286.39	ug/l	100
59) 2-Hexanone	9.51	43	825772	261.91	ug/l	100
60) Dibromochloromethane	9.59	129	165040	56.89	ug/l	99
61) 1,2-Dibromoethane	9.68	107	159356	53.57	ug/l	100
64) Tetrachloroethene	9.34	164	204891	54.12	ug/l	97
65) Chlorobenzene	10.15	112	427866	53.71	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163550	57.40	ug/l	99
67) Ethyl Benzene	10.26	91	704583	53.97	ug/l	99
68) m/p-Xylenes	10.37	106	560753	108.70	ug/l	99
69) o-Xylene	10.70	106	274775	54.80	ug/l	99
70) Styrene	10.72	104	460597	56.55	ug/l	99
71) Bromoform	10.87	173	134057	49.00	ug/l	99
73) Isopropylbenzene	11.02	105	742689	55.25	ug/l	100
74) N-amyl acetate	6.47	43	329116	53.91	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	217028	54.67	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	182959m	46.46	ug/l	
77) Bromobenzene	11.26	156	209166	53.53	ug/l	100
78) n-propylbenzene	11.37	91	818259	55.90	ug/l	100
79) 2-Chlorotoluene	11.43	91	490455	54.45	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	616693	55.11	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	56523	46.13	ug/l	98
82) 4-Chlorotoluene	11.52	91	569683	54.83	ug/l	100
83) tert-Butylbenzene	11.77	119	611583	54.92	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	638887	55.55	ug/l	100
85) sec-Butylbenzene	11.95	105	753365	56.37	ug/l	100
86) p-Isopropyltoluene	12.07	119	688309	56.14	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	378083	54.12	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	380031	53.34	ug/l	100
89) n-Butylbenzene	12.39	91	556061	54.74	ug/l	100
90) Hexachloroethane	12.60	117	109012	59.05	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	389991	54.87	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48501	55.61	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051218\
Data File : VX001680.D
Acq On : 12 May 2018 21:35
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
5/15/2018 6:31:56 PM

Quant Time: May 14 07:25:06 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	286284	55.05	ug/l	99
94) Hexachlorobutadiene	13.79	225	152501	53.59	ug/l	99
95) Naphthalene	13.84	128	823466	57.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	299832	56.19	ug/l	99

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

