

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
 Data File : VX001597.D
 Acq On : 10 May 2018 11:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 5/11/2018 1:06:43 PM

Quant Time: May 11 06:53:24 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	284871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338739	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251135	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	184826	45.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.28%	
35) Dibromofluoromethane	5.51	113	151847	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
50) Toluene-d8	8.72	98	557324	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	11.14	95	215198	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	175995	45.89	ug/l	100
3) Chloromethane	1.32	50	159858	42.80	ug/l	100
4) Vinyl Chloride	1.40	62	168812	43.31	ug/l	98
5) Bromomethane	1.64	94	71951	39.62	ug/l	100
6) Chloroethane	1.72	64	111024	43.09	ug/l	98
7) Trichlorofluoromethane	1.93	101	271423	46.27	ug/l	99
8) Diethyl Ether	2.19	74	101348	44.08	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	162655	47.30	ug/l	99
10) Methyl Iodide	2.51	142	192375	38.77	ug/l	100
11) Tert butyl alcohol	3.07	59	178178	206.40	ug/l	100
12) 1,1-Dichloroethene	2.37	96	138900	44.06	ug/l	96
13) Acrolein	2.29	56	25692	146.12	ug/l	97
14) Allyl chloride	2.73	41	262733	44.70	ug/l	98
15) Acrylonitrile	3.15	53	414233	212.34	ug/l	99
16) Acetone	2.45	43	408496	219.71	ug/l	100
17) Carbon Disulfide	2.57	76	333558	41.58	ug/l	99
18) Methyl Acetate	2.78	43	227608	46.60	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	493305	44.95	ug/l	98
20) Methylene Chloride	2.86	84	156351	42.47	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	148059	42.09	ug/l	95
22) Diisopropyl ether	3.87	45	515973	46.99	ug/l	99
23) Vinyl Acetate	3.82	43	2164755	236.54	ug/l	100
24) 1,1-Dichloroethane	3.70	63	279803	45.61	ug/l	100
25) 2-Butanone	4.71	43	598405	222.66	ug/l	96
26) 2,2-Dichloropropane	4.59	77	236202	49.86	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	169240	45.17	ug/l	98
28) Bromochloromethane	5.03	49	137079	51.54	ug/l	97
29) Tetrahydrofuran	5.17	42	372614	216.69	ug/l	100
30) Chloroform	5.21	83	298408	47.23	ug/l	99
31) Cyclohexane	5.57	56	247876	47.05	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	267249	48.39	ug/l	99
36) 1,1-Dichloropropene	5.80	75	218623	48.57	ug/l	99
37) Ethyl Acetate	4.87	43	225954	45.80	ug/l	99
38) Carbon Tetrachloride	5.79	117	240654	50.13	ug/l	97

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
 Data File : VX001597.D
 Acq On : 10 May 2018 11:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 5/11/2018 1:06:43 PM

Quant Time: May 11 06:53:24 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	271112	50.95	ug/l	99
40) Benzene	6.15	78	639370	48.63	ug/l	98
41) Methacrylonitrile	5.06	41	130912	46.37	ug/l	99
42) 1,2-Dichloroethane	6.20	62	244775	48.44	ug/l	100
43) Isopropyl Acetate	6.47	43	364660	48.14	ug/l	100
44) Trichloroethene	7.21	130	197024	49.03	ug/l	99
45) 1,2-Dichloropropane	7.52	63	161562	49.29	ug/l	100
46) Dibromomethane	7.67	93	111557	48.08	ug/l	99
47) Bromodichloromethane	7.90	83	218811	50.96	ug/l	100
48) Methyl methacrylate	7.78	41	196778	47.71	ug/l	100
49) 1,4-Dioxane	7.76	88	78069	876.15	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	1224777	243.34	ug/l	100
52) Toluene	8.79	92	430398	50.07	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	256851	52.93	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	235754	47.12	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	166429	48.06	ug/l	99
56) Ethyl methacrylate	9.18	69	249124	49.90	ug/l	99
57) 1,3-Dichloropropane	9.38	76	276470	48.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	606738	247.79	ug/l	100
59) 2-Hexanone	9.50	43	928914	241.02	ug/l	100
60) Dibromochloromethane	9.59	129	182506	51.46	ug/l	100
61) 1,2-Dibromoethane	9.68	107	176931	48.66	ug/l	99
64) Tetrachloroethene	9.34	164	236439	50.08	ug/l	99
65) Chlorobenzene	10.14	112	484719	48.79	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	179247	50.44	ug/l	99
67) Ethyl Benzene	10.26	91	814714	50.03	ug/l	99
68) m/p-Xylenes	10.37	106	654502	101.73	ug/l	100
69) o-Xylene	10.70	106	317783	50.82	ug/l	100
70) Styrene	10.72	104	523304	51.52	ug/l	99
71) Bromoform	10.87	173	147515	43.65	ug/l #	100
73) Isopropylbenzene	11.02	105	863256	49.65	ug/l	100
74) N-amyl acetate	6.47	43	364660	46.18	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	240039	46.75	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	239173m	46.96	ug/l	
77) Bromobenzene	11.26	156	239466	47.38	ug/l	99
78) n-propylbenzene	11.37	91	979350	51.73	ug/l	99
79) 2-Chlorotoluene	11.43	91	571664	49.07	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	726340	50.18	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	68649	43.58	ug/l	98
82) 4-Chlorotoluene	11.52	91	672804	50.06	ug/l	100
83) tert-Butylbenzene	11.77	119	712685	49.48	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	755734	50.80	ug/l	99
85) sec-Butylbenzene	11.95	105	897658	51.93	ug/l	100
86) p-Isopropyltoluene	12.07	119	828694	52.26	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	442404	48.96	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	449835	48.81	ug/l	100
89) n-Butylbenzene	12.40	91	696767	53.03	ug/l	100
90) Hexachloroethane	12.60	117	124951	52.33	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	442965	48.19	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	54956	48.71	ug/l	100

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
Data File : VX001597.D
Acq On : 10 May 2018 11:16
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

apatel
5/11/2018 1:06:43 PM

Quant Time: May 11 06:53:24 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	344497	51.21	ug/l	99
94) Hexachlorobutadiene	13.79	225	192290	52.24	ug/l	99
95) Naphthalene	13.84	128	937451	50.39	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	349377	50.62	ug/l	100

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

