

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041918\
 Data File : VX000997.D
 Acq On : 19 Apr 2018 18:54
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/20/2018 2:09:31 PM

Quant Time: Apr 20 04:53:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 04:18:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	247169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331104	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	318467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	223294	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	289847	92.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	185.48%	
35) Dibromofluoromethane	5.51	113	249041	107.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.54%	
50) Toluene-d8	8.73	98	893559	107.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.42%	
62) 4-Bromofluorobenzene	11.15	95	371066	107.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	331779	140.76	ug/l	99
3) Chloromethane	1.32	50	273806	112.88	ug/l	99
4) Vinyl Chloride	1.40	62	297129	125.78	ug/l	99
5) Bromomethane	1.64	94	140664	90.49	ug/l	98
6) Chloroethane	1.72	64	168012	101.19	ug/l	98
7) Trichlorofluoromethane	1.93	101	432543	121.00	ug/l	100
8) Diethyl Ether	2.19	74	157483	115.10	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	249832	116.84	ug/l	100
10) Methyl Iodide	2.51	142	282709	146.55	ug/l	98
11) Tert butyl alcohol	3.08	59	231092	568.60	ug/l	100
12) 1,1-Dichloroethene	2.37	96	235135	115.28	ug/l	99
13) Acrolein	2.30	56	76708	927.53	ug/l	100
14) Allyl chloride	2.73	41	431582	113.58	ug/l	99
15) Acrylonitrile	3.15	53	609410	567.23	ug/l	100
16) Acetone	2.45	43	542619	533.89	ug/l	97
17) Carbon Disulfide	2.57	76	690248	108.76	ug/l	100
18) Methyl Acetate	2.78	43	368626	140.02	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	787054	118.44	ug/l	100
20) Methylene Chloride	2.86	84	251508	105.42	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	256534	111.25	ug/l	99
22) Diisopropyl ether	3.88	45	854714	117.62	ug/l	98
23) Vinyl Acetate	3.83	43	3480940	586.99	ug/l	100
24) 1,1-Dichloroethane	3.70	63	456879	116.61	ug/l	99
25) 2-Butanone	4.71	43	888554	568.00	ug/l	100
26) 2,2-Dichloropropane	4.59	77	409458	119.11	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	295200	118.31	ug/l	98
28) Bromochloromethane	5.03	49	192123	116.96	ug/l	100
29) Tetrahydrofuran	5.17	42	566077	567.77	ug/l	100
30) Chloroform	5.23	83	482467	119.55	ug/l	100
31) Cyclohexane	5.59	56	427158	120.48	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	446107	124.16	ug/l	99
36) 1,1-Dichloropropene	5.81	75	372011	117.88	ug/l	99
37) Ethyl Acetate	4.87	43	351869	119.67	ug/l	100
38) Carbon Tetrachloride	5.79	117	403400	122.79	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041918\
 Data File : VX000997.D
 Acq On : 19 Apr 2018 18:54
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/20/2018 2:09:31 PM

Quant Time: Apr 20 04:53:51 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 20 04:18:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	444864	117.95	ug/l	100
40) Benzene	6.15	78	1062903	120.74	ug/l	99
41) Methacrylonitrile	5.07	41	209743	113.90	ug/l	99
42) 1,2-Dichloroethane	6.21	62	396767	116.05	ug/l	100
43) Isopropyl Acetate	6.47	43	610988	122.85	ug/l	100
44) Trichloroethene	7.22	130	324075	116.82	ug/l	98
45) 1,2-Dichloropropane	7.52	63	271997	118.87	ug/l	100
46) Dibromomethane	7.67	93	187297	118.71	ug/l	99
47) Bromodichloromethane	7.91	83	372562	127.50	ug/l	99
48) Methyl methacrylate	7.79	41	326661	117.03	ug/l	99
49) 1,4-Dioxane	7.76	88	98844	2599.80	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1851165	614.07	ug/l	100
52) Toluene	8.79	92	702777	121.62	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	453900	129.43	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	440143	131.59	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	278581	123.94	ug/l	99
56) Ethyl methacrylate	9.19	69	427301	125.46	ug/l	99
57) 1,3-Dichloropropane	9.38	76	450828	121.35	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1017615	655.50	ug/l	99
59) 2-Hexanone	9.51	43	1413324	611.33	ug/l	99
60) Dibromochloromethane	9.59	129	327216	132.01	ug/l	100
61) 1,2-Dibromoethane	9.68	107	300296	123.63	ug/l	100
64) Tetrachloroethene	9.34	164	322091	114.09	ug/l	98
65) Chlorobenzene	10.15	112	825118	118.08	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	306663	126.18	ug/l	99
67) Ethyl Benzene	10.26	91	1383173	120.77	ug/l	100
68) m/p-Xylenes	10.37	106	1089036	239.87	ug/l	100
69) o-Xylene	10.71	106	531004	120.16	ug/l	99
70) Styrene	10.72	104	894891	122.39	ug/l	99
71) Bromoform	10.87	173	278759	133.46	ug/l	99
73) Isopropylbenzene	11.02	105	1417562	115.48	ug/l	98
74) N-amyl acetate	6.47	43	610988	119.22	ug/l	# 100
75) 1,1,2,2-Tetrachloroethane	11.27	83	418489	120.80	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	378793m	99.32	ug/l	
77) Bromobenzene	11.26	156	415687	115.75	ug/l	100
78) n-propylbenzene	11.37	91	1613876	113.68	ug/l	99
79) 2-Chlorotoluene	11.43	91	950680	113.18	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1217890	116.81	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	129849	133.87	ug/l	94
82) 4-Chlorotoluene	11.52	91	1147435	113.47	ug/l	100
83) tert-Butylbenzene	11.77	119	1253460	116.97	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	1253038	117.94	ug/l	100
85) sec-Butylbenzene	11.95	105	1450753	112.74	ug/l	99
86) p-Isopropyltoluene	12.07	119	1354504	114.18	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	765046	113.52	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	781757	114.00	ug/l	99
89) n-Butylbenzene	12.40	91	1201656	112.26	ug/l	99
90) Hexachloroethane	12.60	117	219413	127.94	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	752551	115.64	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	91711	126.73	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX041918\
Data File : VX000997.D
Acq On : 19 Apr 2018 18:54
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
4/20/2018 2:09:31 PM

Quant Time: Apr 20 04:53:51 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 04:18:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	627578	109.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	281489	110.01	ug/l	99
95) Naphthalene	13.84	128	1595597	118.22	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	605743	112.86	ug/l	100

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

