

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001419.D
 Acq On : 05 May 2018 14:44
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVX050518

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:51 AM

Quant Time: May 06 08:05:22 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	290536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	377635	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	257733	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	200100	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	5.51	113	166657	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
50) Toluene-d8	8.72	98	605852	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.14	95	234041	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	202281	51.720	ug/l	98
3) Chloromethane	1.32	50	203429	53.407	ug/l	100
4) Vinyl Chloride	1.40	62	198893	50.032	ug/l	99
5) Bromomethane	1.64	94	106516	59.174	ug/l	100
6) Chloroethane	1.72	64	125876	47.903	ug/l	99
7) Trichlorofluoromethane	1.92	101	289530	48.394	ug/l	100
8) Diethyl Ether	2.19	74	115005	49.044	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	170402	48.583	ug/l	100
10) Methyl Iodide	2.51	142	221299	43.726	ug/l	99
11) Tert butyl alcohol	3.09	59	218158	247.782	ug/l	99
12) 1,1-Dichloroethene	2.37	96	159034	49.467	ug/l	99
13) Acrolein	2.29	56	44042	253.936	ug/l	97
14) Allyl chloride	2.73	41	298801	49.846	ug/l	98
15) Acrylonitrile	3.15	53	489054	245.811	ug/l	100
16) Acetone	2.45	43	450151	237.397	ug/l	99
17) Carbon Disulfide	2.57	76	428601	52.386	ug/l	100
18) Methyl Acetate	2.78	43	242561	48.689	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	551055	49.231	ug/l	100
20) Methylene Chloride	2.86	84	176510	47.014	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	172121	47.974	ug/l	98
22) Diisopropyl ether	3.88	45	553934	49.460	ug/l	99
23) Vinyl Acetate	3.83	43	2393751	256.463	ug/l	100
24) 1,1-Dichloroethane	3.70	63	306022	48.916	ug/l	99
25) 2-Butanone	4.72	43	683453	249.346	ug/l	100
26) 2,2-Dichloropropane	4.59	77	249383	51.618	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	189316	49.545	ug/l	98
28) Bromochloromethane	5.03	49	130692	48.182	ug/l	99
29) Tetrahydrofuran	5.18	42	439176	250.423	ug/l	100
30) Chloroform	5.22	83	315426	48.945	ug/l	99
31) Cyclohexane	5.58	56	271094	50.452	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	284631	50.535	ug/l	99
36) 1,1-Dichloropropene	5.80	75	237702	49.484	ug/l	100
37) Ethyl Acetate	4.87	43	261620	49.684	ug/l	100
38) Carbon Tetrachloride	5.79	117	260435	50.834	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
 Data File : VX001419.D
 Acq On : 05 May 2018 14:44
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX050518

Manual Integrations
 APPROVED

apatel
 5/8/2018 7:53:51 AM

Quant Time: May 06 08:05:22 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	287646	50.649	ug/l	99
40) Benzene	6.15	78	695552	49.574	ug/l	99
41) Methacrylonitrile	5.07	41	149187	49.518	ug/l	99
42) 1,2-Dichloroethane	6.21	62	263585	48.878	ug/l	100
43) Isopropyl Acetate	6.48	43	421745	52.174	ug/l	100
44) Trichloroethene	7.22	130	213270	49.730	ug/l	96
45) 1,2-Dichloropropane	7.52	63	169563	48.475	ug/l	100
46) Dibromomethane	7.67	93	120919	48.830	ug/l	99
47) Bromodichloromethane	7.90	83	237767	51.882	ug/l	99
48) Methyl methacrylate	7.79	41	225728	51.284	ug/l	99
49) 1,4-Dioxane	7.76	88	97407	1024.310	ug/l	100
51) 4-Methyl-2-Pentanone	8.66	43	1384480	257.742	ug/l	98
52) Toluene	8.79	92	457099	49.823	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	281714	54.393	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	256829	48.055	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	180447	48.822	ug/l	99
56) Ethyl methacrylate	9.19	69	280965	52.734	ug/l	98
57) 1,3-Dichloropropane	9.38	76	301973	49.411	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	685532	262.332	ug/l	100
59) 2-Hexanone	9.51	43	1062524	258.315	ug/l	100
60) Dibromochloromethane	9.59	129	201264	53.173	ug/l	99
61) 1,2-Dibromoethane	9.68	107	196250	50.569	ug/l	100
64) Tetrachloroethene	9.34	164	242483	48.269	ug/l	99
65) Chlorobenzene	10.15	112	523290	49.508	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	194830	51.531	ug/l	100
67) Ethyl Benzene	10.26	91	872509	50.363	ug/l	100
68) m/p-Xylenes	10.37	106	704826	102.963	ug/l	99
69) o-Xylene	10.71	106	341698	51.361	ug/l	99
70) Styrene	10.72	104	567080	52.469	ug/l	99
71) Bromoform	10.87	173	168420	46.580	ug/l	99
73) Isopropylbenzene	11.02	105	913942	51.224	ug/l	99
74) N-amyl acetate	6.48	43	421745	52.041	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	269337	51.111	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	259979m	49.736	ug/l	
77) Bromobenzene	11.26	156	259684	50.062	ug/l	99
78) n-propylbenzene	11.37	91	1015343	52.259	ug/l	100
79) 2-Chlorotoluene	11.43	91	605384	50.633	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	769975	51.833	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	77916	47.738	ug/l	98
82) 4-Chlorotoluene	11.52	91	711831	51.608	ug/l	100
83) tert-Butylbenzene	11.77	119	761434	51.515	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	794382	52.030	ug/l	99
85) sec-Butylbenzene	11.95	105	931679	52.515	ug/l	99
86) p-Isopropyltoluene	12.07	119	864676	53.128	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	467271	50.392	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	474292	50.149	ug/l	99
89) n-Butylbenzene	12.40	91	709692	52.627	ug/l	99
90) Hexachloroethane	12.60	117	131732	53.754	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	471224	49.950	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	63442	54.796	ug/l	100

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\
Data File : VX001419.D
Acq On : 05 May 2018 14:44
Operator : JC/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050518

Manual Integrations
APPROVED

apatel
5/8/2018 7:53:51 AM

Quant Time: May 06 08:05:22 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	365472	52.941	ug/l	100
94) Hexachlorobutadiene	13.79	225	192577	50.983	ug/l	100
95) Naphthalene	13.84	128	1041099	54.530	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	370937	52.366	ug/l	100

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

```
Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050518\  
Data File : VX001419.D  
Acq On    : 05 May 2018  14:44  
Operator  : JC/MD  
Sample    : VSTDICV050  
Misc      : 5.0mL/MSVOA X/WATER  
ALS Vial  : 8      Sample Multiplier: 1
```

Instrument :
MSVOA_X
ClientSampleId :
ICVVX050518

Manual Integrations APPROVED

apatel
5/8/2018 7:53:51 AM

Quant Time: May 06 08:05:22 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

