

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
 Data File : VX000561.D
 Acq On : 30 Mar 2018 15:20
 Operator : JC/MD
 Sample : VX0330WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBS01

Manual Integrations
 APPROVED

sam
 4/4/2018 6:10:58 PM

Quant Time: Apr 03 17:10:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	121308	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	200045	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	208040	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	126680	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.08	65	86298	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
35) Dibromofluoromethane	5.52	113	65752	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
50) Toluene-d8	8.73	98	272686	52.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.48%	
62) 4-Bromofluorobenzene	11.15	95	101190	46.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21932	16.405	ug/l	94
3) Chloromethane	1.32	50	24740	17.565	ug/l	96
4) Vinyl Chloride	1.40	62	30691	20.623	ug/l	96
5) Bromomethane	1.64	94	39239	22.049	ug/l	96
6) Chloroethane	1.73	64	23209	27.548	ug/l	100
7) Trichlorofluoromethane	1.93	101	61474	22.886	ug/l	99
8) Diethyl Ether	2.19	74	22464	23.402	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	32872	21.947	ug/l	99
10) Methyl Iodide	2.52	142	21146	17.306	ug/l	98
11) Tert butyl alcohol	3.08	59	69086	126.836	ug/l	99
12) 1,1-Dichloroethene	2.38	96	30873	23.480	ug/l	98
13) Acrolein	2.30	56	25970	155.198	ug/l	98
14) Allyl chloride	2.73	41	55162	23.700	ug/l	100
15) Acrylonitrile	3.15	53	129821	117.678	ug/l	99
16) Acetone	2.45	43	161033	122.247	ug/l	99
17) Carbon Disulfide	2.57	76	78987	22.591	ug/l	96
18) Methyl Acetate	2.79	43	63755	23.086	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	112470	23.128	ug/l	97
20) Methylene Chloride	2.86	84	35221	23.149	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	33125	22.584	ug/l	95
22) Diisopropyl ether	3.88	45	68241	16.602	ug/l	98
23) Vinyl Acetate	3.84	43	326919	83.899	ug/l	99
24) 1,1-Dichloroethane	3.70	63	52141	20.176	ug/l	99
25) 2-Butanone	4.73	43	143844	97.150	ug/l	98
26) 2,2-Dichloropropane	4.59	77	33126	18.289	ug/l	98
27) cis-1,2-Dichloroethene	4.61	96	26141	19.069	ug/l	96
28) Bromochloromethane	5.03	49	21751	20.411	ug/l	100
29) Tetrahydrofuran	5.18	42	88095	96.703	ug/l	99
30) Chloroform	5.23	83	47355	19.552	ug/l	91
31) Cyclohexane	5.59	56	36624	18.332	ug/l	91
32) 1,1,1-Trichloroethane	5.50	97	42101	19.269	ug/l	98
36) 1,1-Dichloropropene	5.81	75	35083	18.722	ug/l	98
37) Ethyl Acetate	4.88	43	46795	18.282	ug/l	99
38) Carbon Tetrachloride	5.79	117	35020	17.814	ug/l	92

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
 Data File : VX000561.D
 Acq On : 30 Mar 2018 15:20
 Operator : JC/MD
 Sample : VX0330WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0330WBS01

Manual Integrations
 APPROVED

sam
 4/4/2018 6:10:58 PM

Quant Time: Apr 03 17:10:28 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 21 04:52:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	41432	18.181	ug/l	93
40) Benzene	6.15	78	104330	19.172	ug/l	99
41) Methacrylonitrile	5.07	41	24282	17.994	ug/l	99
42) 1,2-Dichloroethane	6.21	62	40094	18.779	ug/l	99
43) Isopropyl Acetate	6.48	43	70293	18.449	ug/l	99
44) Trichloroethene	7.22	130	29589	18.980	ug/l	95
45) 1,2-Dichloropropane	7.53	63	26620	19.111	ug/l	98
46) Dibromomethane	7.68	93	20476	18.728	ug/l	97
47) Bromodichloromethane	7.91	83	36544	18.998	ug/l	96
48) Methyl methacrylate	7.79	41	33996	18.379	ug/l	97
49) 1,4-Dioxane	7.77	88	16433	422.643	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	283361	96.082	ug/l	99
52) Toluene	8.79	92	71313	18.746	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	40932	18.363	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	39030	18.051	ug/l	98
55) 1,1,2-Trichloroethane	9.23	97	29941	19.139	ug/l	98
56) Ethyl methacrylate	9.19	69	43022	18.148	ug/l	99
57) 1,3-Dichloropropane	9.38	76	48496	19.381	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	107229	94.246	ug/l	97
59) 2-Hexanone	9.51	43	243705	97.320	ug/l	99
60) Dibromochloromethane	9.59	129	29538	18.758	ug/l	99
61) 1,2-Dibromoethane	9.68	107	32312	19.260	ug/l	97
64) Tetrachloroethene	9.34	164	29957	18.556	ug/l	97
65) Chlorobenzene	10.15	112	85462	18.459	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	28305	18.001	ug/l	98
67) Ethyl Benzene	10.26	91	144692	18.436	ug/l	100
68) m/p-Xylenes	10.37	106	115738	37.476	ug/l	97
69) o-Xylene	10.71	106	55633	18.605	ug/l	96
70) Styrene	10.72	104	91644	18.522	ug/l	99
71) Bromoform	10.87	173	23074	17.509	ug/l #	95
73) Isopropylbenzene	11.02	105	150769	17.963	ug/l	99
74) N-amyl acetate	6.48	43	70293	17.043	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	54252	18.274	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	55810m	20.500	ug/l	
77) Bromobenzene	11.26	156	39788	17.795	ug/l	99
78) n-propylbenzene	11.37	91	181630	18.148	ug/l	99
79) 2-Chlorotoluene	11.43	91	101756	17.600	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	129570	18.359	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.09	75	13460	16.007	ug/l	89
82) 4-Chlorotoluene	11.52	91	128920	18.675	ug/l	100
83) tert-Butylbenzene	11.78	119	127573	17.923	ug/l	100
84) 1,2,4-Trimethylbenzene	11.82	105	137911	18.638	ug/l	99
85) sec-Butylbenzene	11.96	105	160226	18.193	ug/l	99
86) p-Isopropyltoluene	12.07	119	145287	18.575	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	77354	18.297	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	79888	17.998	ug/l	97
89) n-Butylbenzene	12.40	91	136443	18.735	ug/l	99
90) Hexachloroethane	12.60	117	20647	16.771	ug/l	90
91) 1,2-Dichlorobenzene	12.40	146	77623	18.728	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15221	18.384	ug/l	90

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX033018\
Data File : VX000561.D
Acq On : 30 Mar 2018 15:20
Operator : JC/MD
Sample : VX0330WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0330WBS01

Manual Integrations
APPROVED

sam
4/4/2018 6:10:58 PM

Quant Time: Apr 03 17:10:28 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	55238	18.590	ug/l	97
94) Hexachlorobutadiene	13.79	225	23048	18.733	ug/l	98
95) Naphthalene	13.84	128	189880	18.344	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	54496	18.560	ug/l	99

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

