

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
 Data File : VX000162.D
 Acq On : 28 Feb 2018 12:28
 Operator : JC/MD
 Sample : VX0228WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0228WBS01

Manual Integrations
 APPROVED

apatel
 3/1/2018 12:52:55 PM

Quant Time: Mar 01 06:45:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	144495	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	244431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	240655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	140251	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	106879	59.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.46%	
35) Dibromofluoromethane	5.51	113	84081	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
50) Toluene-d8	8.73	98	331899	54.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	11.15	95	133037	55.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	28464	19.13	ug/l	98
3) Chloromethane	1.32	50	26728	18.32	ug/l	99
4) Vinyl Chloride	1.40	62	33730	20.75	ug/l	98
5) Bromomethane	1.64	94	32458	23.96	ug/l	99
6) Chloroethane	1.73	64	22547	20.65	ug/l	95
7) Trichlorofluoromethane	1.93	101	62990	21.67	ug/l	96
8) Diethyl Ether	2.19	74	22401	22.33	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	35664	21.95	ug/l	97
10) Methyl Iodide	2.52	142	25317	14.23	ug/l	98
11) Tert butyl alcohol	3.07	59	81907	117.79	ug/l	100
12) 1,1-Dichloroethene	2.38	96	30165	19.93	ug/l	85
13) Acrolein	2.29	56	8119	24.44	ug/l	94
14) Allyl chloride	2.73	41	57369	22.65	ug/l	95
15) Acrylonitrile	3.15	53	136570	115.00	ug/l	99
16) Acetone	2.45	43	165916	141.77	ug/l	96
17) Carbon Disulfide	2.57	76	68553	15.39	ug/l	100
18) Methyl Acetate	2.78	43	72119	26.28	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	121178	23.33	ug/l	95
20) Methylene Chloride	2.86	84	35290	22.78	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	33626	20.50	ug/l	91
22) Diisopropyl ether	3.87	45	108650	24.55	ug/l	# 86
23) Vinyl Acetate	3.83	43	514402	125.06	ug/l	96
24) 1,1-Dichloroethane	3.71	63	61940	23.62	ug/l	99
25) 2-Butanone	4.71	43	196718	120.41	ug/l	100
26) 2,2-Dichloropropane	4.59	77	47908	21.02	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	34368	21.99	ug/l	98
28) Bromochloromethane	5.03	49	28387	24.14	ug/l	89
29) Tetrahydrofuran	5.18	42	118772	111.64	ug/l	98
30) Chloroform	5.23	83	60480	21.91	ug/l	100
31) Cyclohexane	5.59	56	45449	20.16	ug/l	94
32) 1,1,1-Trichloroethane	5.51	97	53187	20.94	ug/l	96
36) 1,1-Dichloropropene	5.81	75	44467	20.27	ug/l	97
37) Ethyl Acetate	4.87	43	63273	20.99	ug/l	97
38) Carbon Tetrachloride	5.79	117	46326	19.55	ug/l	93

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
 Data File : VX000162.D
 Acq On : 28 Feb 2018 12:28
 Operator : JC/MD
 Sample : VX0228WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0228WBS01

Manual Integrations
 APPROVED

apatel
 3/1/2018 12:52:55 PM

Quant Time: Mar 01 06:45:41 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 15 12:46:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	51835	19.63	ug/l	98
40) Benzene	6.15	78	129321	20.63	ug/l	100
41) Methacrylonitrile	5.07	41	33526	22.90	ug/l	97
42) 1,2-Dichloroethane	6.21	62	51744	22.50	ug/l	98
43) Isopropyl Acetate	6.48	43	96978	22.32	ug/l	96
44) Trichloroethene	7.22	130	37677	20.41	ug/l	99
45) 1,2-Dichloropropane	7.52	63	34165	22.24	ug/l	92
46) Dibromomethane	7.67	93	25516	21.29	ug/l	96
47) Bromodichloromethane	7.91	83	48302	21.82	ug/l	98
48) Methyl methacrylate	7.79	41	47027	22.08	ug/l	97
49) 1,4-Dioxane	7.76	88	23743	425.08	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	368845	116.11	ug/l	96
52) Toluene	8.79	92	90026	21.50	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	56010	21.52	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	54967	21.27	ug/l	92
55) 1,1,2-Trichloroethane	9.23	97	38184	22.05	ug/l	97
56) Ethyl methacrylate	9.19	69	59589	22.43	ug/l	94
57) 1,3-Dichloropropane	9.38	76	61464	22.35	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	144669	107.72	ug/l	96
59) 2-Hexanone	9.51	43	319563	118.82	ug/l	97
60) Dibromochloromethane	9.59	129	39816	20.30	ug/l	96
61) 1,2-Dibromoethane	9.68	107	41816	21.76	ug/l	99
64) Tetrachloroethene	9.34	164	33460	19.09	ug/l	99
65) Chlorobenzene	10.15	112	108108	21.28	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	37343	21.01	ug/l	98
67) Ethyl Benzene	10.26	91	184429	21.62	ug/l	98
68) m/p-Xylenes	10.37	106	141672	41.95	ug/l	97
69) o-Xylene	10.71	106	69477	21.33	ug/l	95
70) Styrene	10.72	104	115215	21.63	ug/l	98
71) Bromoform	10.87	173	31103	19.26	ug/l #	99
73) Isopropylbenzene	11.02	105	194289	21.86	ug/l	98
74) N-amyl acetate	6.48	43	96978	21.60	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	68403	22.10	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	63751m	21.94	ug/l	
77) Bromobenzene	11.26	156	47778	19.83	ug/l	90
78) n-propylbenzene	11.37	91	229461	21.90	ug/l	97
79) 2-Chlorotoluene	11.43	91	128732	21.47	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	161998	21.56	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.09	75	20273	19.87	ug/l	89
82) 4-Chlorotoluene	11.52	91	160746	22.16	ug/l	95
83) tert-Butylbenzene	11.78	119	164195	21.64	ug/l	98
84) 1,2,4-Trimethylbenzene	11.82	105	169191	21.68	ug/l	100
85) sec-Butylbenzene	11.96	105	208458	22.12	ug/l	98
86) p-Isopropyltoluene	12.07	119	185145	21.99	ug/l	98
87) 1,3-Dichlorobenzene	12.04	146	94127	20.37	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	98808	20.69	ug/l	97
89) n-Butylbenzene	12.40	91	176535	22.23	ug/l	98
90) Hexachloroethane	12.60	117	29763	21.71	ug/l	89
91) 1,2-Dichlorobenzene	12.40	146	94549	20.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20504	23.86	ug/l	87

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX022818\
Data File : VX000162.D
Acq On : 28 Feb 2018 12:28
Operator : JC/MD
Sample : VX0228WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0228WBS01

Manual Integrations
APPROVED

apatel
3/1/2018 12:52:55 PM

Quant Time: Mar 01 06:45:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X021418W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 15 12:46:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	68749	20.15	ug/l	99
94) Hexachlorobutadiene	13.79	225	28705	19.28	ug/l	98
95) Naphthalene	13.84	128	244542	21.13	ug/l	99
96) 1,2,3-Trichlorobenzene	14.03	180	68268	20.27	ug/l	99

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

