

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002208.D
 Acq On : 01 Jun 2018 09:36
 Operator : JC/MD
 Sample : VX0531WBS05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS05

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:16 PM

Quant Time: Jun 01 16:06:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	160480	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	222332	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	205428	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	132443	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	161822	56.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.82%	
35) Dibromofluoromethane	5.51	113	117647	52.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.82%	
50) Toluene-d8	8.72	98	460109	57.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.32%	
62) 4-Bromofluorobenzene	11.14	95	168272	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	35004	16.048	ug/l	99
3) Chloromethane	1.32	50	44818	18.151	ug/l	99
4) Vinyl Chloride	1.41	62	46668	19.575	ug/l	98
5) Bromomethane	1.64	94	30247	27.122	ug/l	99
6) Chloroethane	1.72	64	31492	22.407	ug/l	99
7) Trichlorofluoromethane	1.93	101	79732	22.269	ug/l	99
8) Diethyl Ether	2.19	74	32082	24.696	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	46817	23.433	ug/l	98
10) Methyl Iodide	2.51	142	44267	16.375	ug/l	96
11) Tert butyl alcohol	3.07	59	84600	150.244	ug/l	98
12) 1,1-Dichloroethene	2.37	96	40837	21.832	ug/l	95
13) Acrolein	2.30	56	25740	105.727	ug/l	99
14) Allyl chloride	2.73	41	88591	22.563	ug/l	97
15) Acrylonitrile	3.15	53	162907	140.691	ug/l	99
16) Acetone	2.45	43	219844	198.581	ug/l	98
17) Carbon Disulfide	2.57	76	82890	15.397	ug/l	97
18) Methyl Acetate	2.78	43	81764	30.208	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	164646	23.403	ug/l	99
20) Methylene Chloride	2.86	84	48872	24.651	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	42841	22.662	ug/l	99
22) Diisopropyl ether	3.87	45	157517	19.723	ug/l	93
23) Vinyl Acetate	3.83	43	699378	105.618	ug/l	97
24) 1,1-Dichloroethane	3.70	63	86248	22.734	ug/l	99
25) 2-Butanone	4.71	43	249898	123.159	ug/l	99
26) 2,2-Dichloropropane	4.59	77	63183	16.454	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	45916	18.825	ug/l	92
28) Bromochloromethane	5.02	49	41354	24.915	ug/l	97
29) Tetrahydrofuran	5.17	42	143580	108.761	ug/l	98
30) Chloroform	5.22	83	79290	18.551	ug/l	95
31) Cyclohexane	5.58	56	72407	18.319	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	68436	17.175	ug/l	98
36) 1,1-Dichloropropene	5.81	75	56549	18.286	ug/l	100
37) Ethyl Acetate	4.87	43	84781	21.028	ug/l	98
38) Carbon Tetrachloride	5.79	117	57521	15.950	ug/l	98

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
 Data File : VX002208.D
 Acq On : 01 Jun 2018 09:36
 Operator : JC/MD
 Sample : VX0531WBS05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS05

Manual Integrations
 APPROVED

MMDadoda
 6/1/2018 6:37:16 PM

Quant Time: Jun 01 16:06:29 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74413	19.586	ug/l	97
40) Benzene	6.15	78	176330	19.462	ug/l	99
41) Methacrylonitrile	5.07	41	45673	20.668	ug/l	98
42) 1,2-Dichloroethane	6.20	62	71232	19.682	ug/l	99
43) Isopropyl Acetate	6.47	43	130042	19.358	ug/l	99
44) Trichloroethene	7.22	130	49051	18.579	ug/l	99
45) 1,2-Dichloropropane	7.52	63	48040	19.525	ug/l	97
46) Dibromomethane	7.67	93	31409	19.281	ug/l	97
47) Bromodichloromethane	7.90	83	55680	16.030	ug/l	96
48) Methyl methacrylate	7.78	41	66637	19.490	ug/l	98
49) 1,4-Dioxane	7.76	88	28240	468.708	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	452390	111.712	ug/l	99
52) Toluene	8.79	92	112481	19.508	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	66658	16.662	ug/l	98
54) cis-1,3-Dichloropropene	9.04	75	59928	15.373	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	47403	19.680	ug/l	98
56) Ethyl methacrylate	9.18	69	75252	18.163	ug/l	97
57) 1,3-Dichloropropane	9.38	76	79756	20.099	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	175443	95.540	ug/l	100
59) 2-Hexanone	9.50	43	367995	117.852	ug/l	99
60) Dibromochloromethane	9.59	129	42071	14.746	ug/l	99
61) 1,2-Dibromoethane	9.68	107	49299	19.505	ug/l	100
64) Tetrachloroethene	9.34	164	55263	18.763	ug/l	100
65) Chlorobenzene	10.14	112	127333	19.564	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	44240	16.833	ug/l	99
67) Ethyl Benzene	10.26	91	219117	19.377	ug/l	100
68) m/p-Xylenes	10.37	106	166389	38.492	ug/l	100
69) o-Xylene	10.70	106	83082	19.249	ug/l	99
70) Styrene	10.72	104	132829	18.557	ug/l	99
71) Bromoform	10.86	173	31965	12.827	ug/l #	99
73) Isopropylbenzene	11.02	105	225287	20.087	ug/l	99
74) N-amyl acetate	6.47	43	130042	20.489	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	70618	22.321	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	65985m	20.742	ug/l	
77) Bromobenzene	11.26	156	58719	19.733	ug/l	96
78) n-propylbenzene	11.37	91	247749	19.723	ug/l	99
79) 2-Chlorotoluene	11.43	91	150419	20.468	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	186491	19.457	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	17721	13.388	ug/l #	81
82) 4-Chlorotoluene	11.51	91	170406	19.234	ug/l	99
83) tert-Butylbenzene	11.77	119	182798	19.435	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	192017	19.386	ug/l	99
85) sec-Butylbenzene	11.95	105	223920	19.805	ug/l	99
86) p-Isopropyltoluene	12.07	119	197709	19.542	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	103687	19.457	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	104625	19.638	ug/l	100
89) n-Butylbenzene	12.39	91	162095	18.908	ug/l	98
90) Hexachloroethane	12.60	117	26621	13.340	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	109772	20.217	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16057	16.103	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX053118\
Data File : VX002208.D
Acq On : 01 Jun 2018 09:36
Operator : JC/MD
Sample : VX0531WBS05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS05

Manual Integrations
APPROVED

MMDadoda
6/1/2018 6:37:16 PM

Quant Time: Jun 01 16:06:29 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	72945	18.788	ug/l	99
94) Hexachlorobutadiene	13.79	225	38503	18.436	ug/l	98
95) Naphthalene	13.84	128	240995	20.147	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	78656	19.579	ug/l	98

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

