

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003030.D
 Acq On : 29 Jun 2018 15:51
 Operator : JC/MD
 Sample : VX0629WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0629WBSD01

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:15:25 PM

Quant Time: Jun 29 23:47:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	279397	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	362289	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222854	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	188120	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.51	113	154679	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	
50) Toluene-d8	8.72	98	551646	49.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.30%	
62) 4-Bromofluorobenzene	11.14	95	209334	48.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	60486	24.09	ug/l	99
3) Chloromethane	1.32	50	58398	21.88	ug/l	98
4) Vinyl Chloride	1.40	62	63870	20.21	ug/l #	87
5) Bromomethane	1.64	94	26132	15.86	ug/l	99
6) Chloroethane	1.72	64	39970	20.30	ug/l	100
7) Trichlorofluoromethane	1.93	101	102261	19.19	ug/l	98
8) Diethyl Ether	2.19	74	36478	18.83	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57858	18.73	ug/l	97
10) Methyl Iodide	2.51	142	44756	18.74	ug/l	98
11) Tert butyl alcohol	3.08	59	73233	95.19	ug/l	100
12) 1,1-Dichloroethene	2.37	96	53364	19.37	ug/l	96
13) Acrolein	2.29	56	38743	93.53	ug/l	100
14) Allyl chloride	2.73	41	102331	18.84	ug/l	97
15) Acrylonitrile	3.15	53	164194	99.92	ug/l	100
16) Acetone	2.45	43	166643	104.20	ug/l	96
17) Carbon Disulfide	2.57	76	142829	19.45	ug/l	99
18) Methyl Acetate	2.78	43	79727	17.83	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	187430	18.92	ug/l	100
20) Methylene Chloride	2.86	84	58034	18.65	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	56260	18.75	ug/l	96
22) Diisopropyl ether	3.88	45	199575	19.22	ug/l	99
23) Vinyl Acetate	3.83	43	884877	100.65	ug/l	99
24) 1,1-Dichloroethane	3.70	63	106924	18.95	ug/l	100
25) 2-Butanone	4.71	43	250452	105.52	ug/l	98
26) 2,2-Dichloropropane	4.59	77	85786	18.69	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	65675	19.52	ug/l	99
28) Bromochloromethane	5.03	49	55253	20.46	ug/l	94
29) Tetrahydrofuran	5.17	42	155063	101.88	ug/l	97
30) Chloroform	5.22	83	112427	19.41	ug/l	97
31) Cyclohexane	5.57	56	92658	19.13	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	98479	19.33	ug/l	99
36) 1,1-Dichloropropene	5.80	75	79970	18.98	ug/l	97
37) Ethyl Acetate	4.87	43	94359	20.80	ug/l	99
38) Carbon Tetrachloride	5.78	117	89504	19.36	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003030.D
 Acq On : 29 Jun 2018 15:51
 Operator : JC/MD
 Sample : VX0629WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0629WBSD01

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:15:25 PM

Quant Time: Jun 29 23:47:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89082	18.15	ug/l	99
40) Benzene	6.15	78	242408	19.80	ug/l	99
41) Methacrylonitrile	5.07	41	53216	20.37	ug/l	98
42) 1,2-Dichloroethane	6.20	62	95332	19.28	ug/l	99
43) Isopropyl Acetate	6.47	43	146479	19.25	ug/l	98
44) Trichloroethene	7.22	130	71303	19.54	ug/l	100
45) 1,2-Dichloropropane	7.52	63	61935	19.07	ug/l	99
46) Dibromomethane	7.67	93	43090	19.12	ug/l	94
47) Bromodichloromethane	7.90	83	79618	19.11	ug/l	98
48) Methyl methacrylate	7.78	41	75558	19.27	ug/l	96
49) 1,4-Dioxane	7.76	88	31279	410.10	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	484217	101.72	ug/l	98
52) Toluene	8.79	92	155923	19.88	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	92549	19.61	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	83557	18.40	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	64112	19.89	ug/l	97
56) Ethyl methacrylate	9.18	69	93396	19.83	ug/l	96
57) 1,3-Dichloropropane	9.38	76	105113	19.86	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	229974	101.21	ug/l	97
59) 2-Hexanone	9.50	43	371873	102.79	ug/l	98
60) Dibromochloromethane	9.59	129	64011	18.87	ug/l	100
61) 1,2-Dibromoethane	9.68	107	68022	20.12	ug/l	100
64) Tetrachloroethene	9.34	164	78162	19.40	ug/l	98
65) Chlorobenzene	10.14	112	178372	19.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	64950	19.43	ug/l	99
67) Ethyl Benzene	10.26	91	298741	19.65	ug/l	99
68) m/p-Xylenes	10.36	106	231866	39.58	ug/l	99
69) o-Xylene	10.70	106	111786	19.60	ug/l	99
70) Styrene	10.71	104	186231	20.09	ug/l	100
71) Bromoform	10.86	173	50250	19.24	ug/l	98
73) Isopropylbenzene	11.02	105	301717	20.13	ug/l	99
74) N-amyl acetate	6.47	43	146479	19.97	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	94918	20.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	93794m	23.24	ug/l	
77) Bromobenzene	11.26	156	85846	20.11	ug/l	97
78) n-propylbenzene	11.37	91	335874	19.68	ug/l	99
79) 2-Chlorotoluene	11.43	91	205474	19.89	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	249957	19.80	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	22390	18.37	ug/l	92
82) 4-Chlorotoluene	11.51	91	238621	19.51	ug/l	98
83) tert-Butylbenzene	11.77	119	245489	19.73	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	259063	19.80	ug/l	98
85) sec-Butylbenzene	11.95	105	291119	19.28	ug/l	100
86) p-Isopropyltoluene	12.07	119	260491	19.19	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	153150	19.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	154294	19.23	ug/l	100
89) n-Butylbenzene	12.39	91	215391	18.23	ug/l	100
90) Hexachloroethane	12.60	117	34641	17.16	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	156130	19.84	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20216	19.47	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
Data File : VX003030.D
Acq On : 29 Jun 2018 15:51
Operator : JC/MD
Sample : VX0629WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0629WBSD01

Manual Integrations
APPROVED

apatel
7/2/2018 4:15:25 PM

Quant Time: Jun 29 23:47:04 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	109280	19.08	ug/l	99
94) Hexachlorobutadiene	13.79	225	54045	18.92	ug/l	99
95) Naphthalene	13.84	128	314077	20.59	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	112708	19.70	ug/l	99

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

