

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071018\
 Data File : VX003305.D
 Acq On : 11 Jul 2018 01:30
 Operator : JC/MD
 Sample : VX0710WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 3:09:31 PM

Quant Time: Jul 11 05:11:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	295973	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	189521	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	177730	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
35) Dibromofluoromethane	5.51	113	152771	48.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.10%	
50) Toluene-d8	8.72	98	562756	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.14	95	204292	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	74363	20.89	ug/l	100
3) Chloromethane	1.32	50	63122	19.51	ug/l	99
4) Vinyl Chloride	1.41	62	62931	18.95	ug/l	99
5) Bromomethane	1.64	94	23367	23.85	ug/l	98
6) Chloroethane	1.72	64	35299	19.18	ug/l	99
7) Trichlorofluoromethane	1.93	101	99389	20.13	ug/l	98
8) Diethyl Ether	2.19	74	32713	18.33	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	54636	18.90	ug/l	95
10) Methyl Iodide	2.51	142	58568	21.93	ug/l	97
11) Tert butyl alcohol	3.08	59	72478	108.51	ug/l	99
12) 1,1-Dichloroethene	2.37	96	49686	18.89	ug/l	92
13) Acrolein	2.30	56	38342	71.23	ug/l	99
14) Allyl chloride	2.73	41	87980	18.06	ug/l	95
15) Acrylonitrile	3.15	53	146329	98.11	ug/l	99
16) Acetone	2.45	43	136223	104.14	ug/l	97
17) Carbon Disulfide	2.57	76	129928	17.77	ug/l	99
18) Methyl Acetate	2.78	43	79978	21.67	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	168113	19.13	ug/l	99
20) Methylene Chloride	2.86	84	55155	20.16	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	53015	18.90	ug/l	93
22) Diisopropyl ether	3.88	45	172755	17.43	ug/l	97
23) Vinyl Acetate	3.83	43	730580	86.80	ug/l	97
24) 1,1-Dichloroethane	3.70	63	100014	19.38	ug/l	99
25) 2-Butanone	4.71	43	239106	103.31	ug/l	95
26) 2,2-Dichloropropane	4.59	77	51602	11.43	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	67749	19.66	ug/l	92
28) Bromochloromethane	5.03	49	52820	20.32	ug/l	86
29) Tetrahydrofuran	5.17	42	151586	100.91	ug/l	95
30) Chloroform	5.22	83	112352	19.79	ug/l	98
31) Cyclohexane	5.57	56	93774	19.41	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	99463	19.86	ug/l	98
36) 1,1-Dichloropropene	5.80	75	81881	19.54	ug/l	98
37) Ethyl Acetate	4.87	43	88540	19.28	ug/l	97
38) Carbon Tetrachloride	5.78	117	89635	19.56	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
 Data File : VX003305.D
 Acq On : 11 Jul 2018 01:30
 Operator : JC/MD
 Sample : VX0710WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0710WBSD02

Manual Integrations
 APPROVED

MMDadoda
 7/11/2018 3:09:31 PM

Quant Time: Jul 11 05:11:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91535	18.54	ug/l	97
40) Benzene	6.15	78	251466	20.25	ug/l	99
41) Methacrylonitrile	5.07	41	49928	19.85	ug/l	95
42) 1,2-Dichloroethane	6.21	62	89644	19.32	ug/l	97
43) Isopropyl Acetate	6.48	43	139886	19.39	ug/l	95
44) Trichloroethene	7.22	130	76010	20.70	ug/l	96
45) 1,2-Dichloropropane	7.52	63	62610	19.40	ug/l	100
46) Dibromomethane	7.66	93	44390	20.17	ug/l	93
47) Bromodichloromethane	7.90	83	80506	19.83	ug/l	96
48) Methyl methacrylate	7.79	41	74901	20.25	ug/l	92
49) 1,4-Dioxane	7.76	88	32913	425.52	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	483752	107.73	ug/l	98
52) Toluene	8.79	92	160980	20.51	ug/l	98
53) t-1,3-Dichloropropene	8.44	75	87344	18.28	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	78404	18.03	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	66024	20.28	ug/l	97
56) Ethyl methacrylate	9.18	69	89362	20.04	ug/l	91
57) 1,3-Dichloropropane	9.38	76	106617	20.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	226805	105.42	ug/l	97
59) 2-Hexanone	9.50	43	370097	108.51	ug/l	96
60) Dibromochloromethane	9.59	129	65336	19.22	ug/l	99
61) 1,2-Dibromoethane	9.68	107	68764	20.15	ug/l	100
64) Tetrachloroethene	9.34	164	90062	22.18	ug/l	99
65) Chlorobenzene	10.14	112	184841	20.25	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	68352	20.76	ug/l	98
67) Ethyl Benzene	10.26	91	298481	20.22	ug/l	99
68) m/p-Xylenes	10.36	106	234629	40.86	ug/l	98
69) o-Xylene	10.70	106	114114	20.51	ug/l	97
70) Styrene	10.71	104	185795	20.60	ug/l	98
71) Bromoform	10.86	173	51309	18.94	ug/l #	100
73) Isopropylbenzene	11.02	105	311618	20.83	ug/l	99
74) N-amyl acetate	6.48	43	139886	19.60	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	93927	20.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	91059m	22.23	ug/l	
77) Bromobenzene	11.26	156	87315	20.21	ug/l	96
78) n-propylbenzene	11.37	91	342973	20.62	ug/l	99
79) 2-Chlorotoluene	11.43	91	208125	20.53	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	257598	20.67	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19728	15.74	ug/l	96
82) 4-Chlorotoluene	11.51	91	241874	20.44	ug/l	97
83) tert-Butylbenzene	11.77	119	250533	20.13	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	267151	20.94	ug/l	97
85) sec-Butylbenzene	11.95	105	304680	20.71	ug/l	99
86) p-Isopropyltoluene	12.07	119	274599	20.49	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	158350	19.98	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161780	20.16	ug/l	98
89) n-Butylbenzene	12.39	91	218251	19.49	ug/l	99
90) Hexachloroethane	12.60	117	36389	17.78	ug/l	93
91) 1,2-Dichlorobenzene	12.40	146	161053	20.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	20041	20.13	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071018\
Data File : VX003305.D
Acq On : 11 Jul 2018 01:30
Operator : JC/MD
Sample : VX0710WBSD02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0710WBSD02

Manual Integrations
APPROVED

MMDadoda
7/11/2018 3:09:31 PM

Quant Time: Jul 11 05:11:39 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	110752	19.12	ug/l	99
94) Hexachlorobutadiene	13.79	225	53940	18.71	ug/l	99
95) Naphthalene	13.84	128	314728	20.77	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	117492	20.34	ug/l	100

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

