

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005833.D
 Acq On : 07 Nov 2018 17:44
 Operator : JC/MD
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1107WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 10:35:51 AM

Quant Time: Nov 08 08:01:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	114776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	154821	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	134364	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	73665	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	72098	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	
35) Dibromofluoromethane	5.50	113	58188	55.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.52%	
50) Toluene-d8	8.72	98	185729	53.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.10%	
62) 4-Bromofluorobenzene	11.14	95	66686	52.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	21277	20.561	ug/l	96
3) Chloromethane	1.32	50	28372	20.891	ug/l	92
4) Vinyl Chloride	1.40	62	27010	19.811	ug/l	94
5) Bromomethane	1.64	94	16540	19.824	ug/l	91
6) Chloroethane	1.72	64	16855	20.719	ug/l	95
7) Trichlorofluoromethane	1.93	101	36179	19.991	ug/l #	80
8) Diethyl Ether	2.19	74	15059	21.236	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	20287	19.491	ug/l	100
10) Methyl Iodide	2.51	142	24123	19.123	ug/l	98
11) Tert butyl alcohol	3.06	59	39392	104.214	ug/l	100
12) 1,1-Dichloroethene	2.37	96	19699	19.418	ug/l	96
13) Acrolein	2.29	56	17181	107.184	ug/l	100
14) Allyl chloride	2.73	41	45928	20.270	ug/l	98
15) Acrylonitrile	3.15	53	83231	106.251	ug/l	99
16) Acetone	2.45	43	76705	107.967	ug/l	98
17) Carbon Disulfide	2.57	76	61619	20.363	ug/l	98
18) Methyl Acetate	2.78	43	41861	21.130	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	72022	20.800	ug/l	93
20) Methylene Chloride	2.85	84	22931	19.649	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	21153	19.769	ug/l	93
22) Diisopropyl ether	3.87	45	82697	20.835	ug/l #	97
23) Vinyl Acetate	3.82	43	353481	103.867	ug/l	99
24) 1,1-Dichloroethane	3.69	63	42692	20.161	ug/l	99
25) 2-Butanone	4.70	43	116189	104.024	ug/l	99
26) 2,2-Dichloropropane	4.58	77	31751	20.440	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	23683	20.044	ug/l	97
28) Bromochloromethane	5.01	49	21693	22.922	ug/l	99
29) Tetrahydrofuran	5.15	42	76219	106.279	ug/l	99
30) Chloroform	5.22	83	41319	20.225	ug/l	85
31) Cyclohexane	5.57	56	37169	20.220	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	35814	21.017	ug/l	98
36) 1,1-Dichloropropene	5.81	75	31473	21.087	ug/l	98
37) Ethyl Acetate	4.85	43	41373	21.080	ug/l	99
38) Carbon Tetrachloride	5.78	117	30775	20.597	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110718\
 Data File : VX005833.D
 Acq On : 07 Nov 2018 17:44
 Operator : JC/MD
 Sample : VX1107WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1107WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/8/2018 10:35:51 AM

Quant Time: Nov 08 08:01:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	31287	20.683	ug/l	97
40) Benzene	6.15	78	94043	21.614	ug/l	97
41) Methacrylonitrile	5.06	41	21739	20.498	ug/l	97
42) 1,2-Dichloroethane	6.20	62	33056	21.211	ug/l	99
43) Isopropyl Acetate	6.46	43	58643	20.620	ug/l	100
44) Trichloroethene	7.21	130	22175	20.069	ug/l	99
45) 1,2-Dichloropropane	7.51	63	21154	20.031	ug/l	89
46) Dibromomethane	7.66	93	13602	20.525	ug/l	99
47) Bromodichloromethane	7.90	83	26225	20.940	ug/l	97
48) Methyl methacrylate	7.77	41	27030	21.167	ug/l	97
49) 1,4-Dioxane	7.75	88	11692	424.897	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	187808	104.782	ug/l	98
52) Toluene	8.79	92	48562	19.970	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	27819	18.823	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	31016	20.590	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	20262	18.696	ug/l	98
56) Ethyl methacrylate	9.18	69	29753	18.348	ug/l	98
57) 1,3-Dichloropropane	9.37	76	34447	18.914	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	91520	108.424	ug/l	97
59) 2-Hexanone	9.49	43	145750	92.253	ug/l	98
60) Dibromochloromethane	9.59	129	21101	18.016	ug/l	99
61) 1,2-Dibromoethane	9.67	107	20730	17.298	ug/l	99
64) Tetrachloroethene	9.34	164	22585	19.743	ug/l	99
65) Chlorobenzene	10.14	112	55025	20.442	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	19717	21.070	ug/l	100
67) Ethyl Benzene	10.25	91	91785	21.265	ug/l	99
68) m/p-Xylenes	10.36	106	71250	43.276	ug/l	100
69) o-Xylene	10.70	106	33572	22.740	ug/l	100
70) Styrene	10.71	104	55846	22.931	ug/l	98
71) Bromoform	10.86	173	16969	21.631	ug/l #	99
73) Isopropylbenzene	11.02	105	93421	21.930	ug/l	100
74) N-amyl acetate	10.90	43	45054	19.628	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	32418	20.733	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	31676m	21.118	ug/l	
77) Bromobenzene	11.26	156	24784	20.641	ug/l	99
78) n-propylbenzene	11.36	91	107459	21.404	ug/l	99
79) 2-Chlorotoluene	11.42	91	64661	21.308	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	78885	21.791	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	9507	20.201	ug/l	96
82) 4-Chlorotoluene	11.51	91	76983	21.526	ug/l	99
83) tert-Butylbenzene	11.77	119	76320	20.839	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	81895	20.428	ug/l	99
85) sec-Butylbenzene	11.94	105	94594	21.122	ug/l	100
86) p-Isopropyltoluene	12.07	119	83952	21.163	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	45837	19.892	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	46630	19.767	ug/l	98
89) n-Butylbenzene	12.39	91	73797	20.072	ug/l	99
90) Hexachloroethane	12.60	117	13224	19.967	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	46004	19.929	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	8076	21.166	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110718\
Data File : VX005833.D
Acq On : 07 Nov 2018 17:44
Operator : JC/MD
Sample : VX1107WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1107WBSD01

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:51 AM

Quant Time: Nov 08 08:01:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	32746	20.150	ug/l	99
94) Hexachlorobutadiene	13.79	225	16775	19.651	ug/l	98
95) Naphthalene	13.83	128	101071	19.799	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	34432	20.797	ug/l	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX110718\
Data File : VX005833.D
Acq On : 07 Nov 2018 17:44
Operator : JC/MD
Sample : VX1107WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
Client Sampled :
VX1107WBSD01

Manual Integrations
APPROVED

MMDadoda
11/8/2018 10:35:51 AM

Quant Time: Nov 08 08:01:38 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
Quant Title : SW846 8260
QLast Update : Wed Nov 07 14:40:53 2018
Response via : Initial Calibration

