

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010919\
 Data File : VX006959.D
 Acq On : 09 Jan 2019 11:52
 Operator : JC/MD
 Sample : VX0109WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/10/2019 10:54:09 AM

Quant Time: Jan 10 01:17:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	574332	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	862855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	750141	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	379018	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	303998	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	5.50	113	270240	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
50) Toluene-d8	8.71	98	966754	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
62) 4-Bromofluorobenzene	11.13	95	333113	47.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	100124	21.229	ug/l	100
3) Chloromethane	1.33	50	105837	19.276	ug/l	99
4) Vinyl Chloride	1.41	62	114662	19.414	ug/l	98
5) Bromomethane	1.64	94	116240	18.421	ug/l	96
6) Chloroethane	1.72	64	75859	18.395	ug/l	97
7) Trichlorofluoromethane	1.93	101	184760	19.361	ug/l	98
8) Diethyl Ether	2.19	74	71243	18.765	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	110195	19.287	ug/l	98
10) Methyl Iodide	2.51	142	152262	19.757	ug/l	99
11) Tert butyl alcohol	3.07	59	140156	98.988	ug/l	100
12) 1,1-Dichloroethene	2.38	96	101400	19.210	ug/l	100
13) Acrolein	2.30	56	58298	97.375	ug/l	96
14) Allyl chloride	2.73	41	174520	19.292	ug/l	98
15) Acrylonitrile	3.15	53	318457	97.975	ug/l	99
16) Acetone	2.45	43	293268	98.832	ug/l	100
17) Carbon Disulfide	2.57	76	248628	18.295	ug/l	100
18) Methyl Acetate	2.78	43	163718	19.052	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	354410	19.344	ug/l	100
20) Methylene Chloride	2.86	84	112780	19.639	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	109932	18.688	ug/l	95
22) Diisopropyl ether	3.87	45	324001	19.051	ug/l	95
23) Vinyl Acetate	3.82	43	1372222	95.675	ug/l	99
24) 1,1-Dichloroethane	3.70	63	183089	19.253	ug/l	99
25) 2-Butanone	4.70	43	419370	98.773	ug/l	97
26) 2,2-Dichloropropane	4.59	77	138235	18.903	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	123101	18.972	ug/l	99
28) Bromochloromethane	5.01	49	79106	18.986	ug/l	97
29) Tetrahydrofuran	5.15	42	268532	97.321	ug/l	98
30) Chloroform	5.22	83	192056	19.289	ug/l	96
31) Cyclohexane	5.58	56	164623	19.450	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	162986	19.312	ug/l	98
36) 1,1-Dichloropropene	5.80	75	141203	18.823	ug/l	99
37) Ethyl Acetate	4.86	43	156176	19.418	ug/l	99
38) Carbon Tetrachloride	5.78	117	138464	18.345	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010919\
 Data File : VX006959.D
 Acq On : 09 Jan 2019 11:52
 Operator : JC/MD
 Sample : VX0109WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0109WBS01

Manual Integrations
 APPROVED

MMDadoda
 1/10/2019 10:54:09 AM

Quant Time: Jan 10 01:17:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	174130	18.207	ug/l	98
40) Benzene	6.14	78	430709	18.816	ug/l	98
41) Methacrylonitrile	5.06	41	84675	18.276	ug/l	99
42) 1,2-Dichloroethane	6.20	62	145653	18.414	ug/l	99
43) Isopropyl Acetate	6.46	43	240889	18.988	ug/l	98
44) Trichloroethene	7.21	130	126230	18.403	ug/l	98
45) 1,2-Dichloropropane	7.52	63	107393	18.662	ug/l	99
46) Dibromomethane	7.66	93	77884	19.257	ug/l	99
47) Bromodichloromethane	7.90	83	127148	18.469	ug/l	97
48) Methyl methacrylate	7.77	41	123865	19.013	ug/l	97
49) 1,4-Dioxane	7.75	88	55822	369.794	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	781440	95.848	ug/l	99
52) Toluene	8.79	92	269160	18.295	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	139851	18.320	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	158561	18.809	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115705	19.648	ug/l	98
56) Ethyl methacrylate	9.18	69	159068	18.503	ug/l	95
57) 1,3-Dichloropropane	9.37	76	182604	18.928	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	447114	101.153	ug/l	99
59) 2-Hexanone	9.49	43	604775	97.341	ug/l	99
60) Dibromochloromethane	9.59	129	106265	18.584	ug/l	99
61) 1,2-Dibromoethane	9.67	107	122689	18.925	ug/l	99
64) Tetrachloroethene	9.34	164	123652	19.039	ug/l	99
65) Chlorobenzene	10.14	112	307141	18.773	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	106873	19.418	ug/l	99
67) Ethyl Benzene	10.25	91	506061	18.736	ug/l	100
68) m/p-Xylenes	10.36	106	397562	37.360	ug/l	100
69) o-Xylene	10.70	106	192533	18.552	ug/l	96
70) Styrene	10.71	104	308776	18.786	ug/l	99
71) Bromoform	10.86	173	78387	19.141	ug/l #	98
73) Isopropylbenzene	11.02	105	514264	19.242	ug/l	100
74) N-amyl acetate	10.90	43	210329	19.546	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	161550	19.040	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	153712m	20.013	ug/l	
77) Bromobenzene	11.26	156	139492	18.942	ug/l	100
78) n-propylbenzene	11.36	91	559938	19.085	ug/l	100
79) 2-Chlorotoluene	11.42	91	332415	18.822	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	421158	18.859	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	40534	18.504	ug/l	94
82) 4-Chlorotoluene	11.51	91	386955	18.923	ug/l	100
83) tert-Butylbenzene	11.77	119	425118	19.080	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	431862	19.231	ug/l	100
85) sec-Butylbenzene	11.94	105	505792	19.008	ug/l	100
86) p-Isopropyltoluene	12.07	119	454847	19.110	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	245954	18.478	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	246157	19.607	ug/l	98
89) n-Butylbenzene	12.39	91	381799	18.817	ug/l	98
90) Hexachloroethane	12.60	117	62923	18.505	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	243811	18.561	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	32528	19.384	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010919\
Data File : VX006959.D
Acq On : 09 Jan 2019 11:52
Operator : JC/MD
Sample : VX0109WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0109WBS01

Manual Integrations
APPROVED

MMDadoda
1/10/2019 10:54:09 AM

Quant Time: Jan 10 01:17:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	166956	18.526	ug/l	99
94) Hexachlorobutadiene	13.78	225	75819	18.959	ug/l	97
95) Naphthalene	13.83	128	519192	19.013	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	164399	18.364	ug/l	99

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

