

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091919\
 Data File : VX012541.D
 Acq On : 19 Sep 2019 20:14
 Operator : JC/SP
 Sample : K4883-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 10:46:11 AM

Quant Time: Sep 20 07:02:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	189152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	316943	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	135013	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	133393	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
35) Dibromofluoromethane	5.48	113	99129	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	8.71	98	362290	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	
62) 4-Bromofluorobenzene	11.14	95	145782	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	56922	45.144	ug/l	95
3) Chloromethane	1.32	50	52054	50.057	ug/l	99
4) Vinyl Chloride	1.40	62	57055	50.763	ug/l	99
5) Bromomethane	1.62	94	21400	48.463	ug/l	98
6) Chloroethane	1.71	64	39961	45.434	ug/l	96
7) Trichlorofluoromethane	1.92	101	102725	49.858	ug/l	95
8) Diethyl Ether	2.18	74	45801	49.216	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	72570	48.681	ug/l	97
10) Methyl Iodide	2.50	142	61088	47.952	ug/l	97
11) Tert butyl alcohol	3.04	59	156377	226.925	ug/l	100
12) 1,1-Dichloroethene	2.36	96	59053	49.657	ug/l	98
13) Acrolein	2.28	56	59801	251.225	ug/l	99
14) Allyl chloride	2.72	41	135988	49.117	ug/l	99
15) Acrylonitrile	3.13	53	297136	252.936	ug/l	99
16) Acetone	2.43	43	281587	226.582	ug/l	99
17) Carbon Disulfide	2.56	76	73571	43.971	ug/l	98
18) Methyl Acetate	2.76	43	135392	47.928	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	326287	50.322	ug/l	98
20) Methylene Chloride	2.84	84	79279	48.322	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	62628	50.715	ug/l	97
22) Diisopropyl ether	3.84	45	326381	50.347	ug/l	96
23) Vinyl Acetate	3.80	43	1308675	245.410	ug/l	100
24) 1,1-Dichloroethane	3.69	63	157783	50.870	ug/l	97
25) 2-Butanone	4.66	43	437907	232.871	ug/l	99
26) 2,2-Dichloropropane	4.58	77	119502	39.176	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	93678	50.781	ug/l	97
28) Bromochloromethane	5.00	49	78100	48.842	ug/l	99
29) Tetrahydrofuran	5.11	42	265823	255.883	ug/l	100
30) Chloroform	5.20	83	173026	48.573	ug/l	99
31) Cyclohexane	5.57	56	92987	49.663	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	146933	49.352	ug/l	100
36) 1,1-Dichloropropene	5.79	75	96015	49.846	ug/l	98
37) Ethyl Acetate	4.82	43	151450	51.222	ug/l	99
38) Carbon Tetrachloride	5.78	117	117740	49.146	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012541.D
 Acq On : 19 Sep 2019 20:14
 Operator : JC/SP
 Sample : K4883-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-R2-1MS

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 10:46:11 AM

Quant Time: Sep 20 07:02:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92545	49.422	ug/l	99
40) Benzene	6.13	78	312799	51.067	ug/l	99
41) Methacrylonitrile	5.03	41	92900	48.796	ug/l	98
42) 1,2-Dichloroethane	6.18	62	140239	49.362	ug/l	100
43) Isopropyl Acetate	6.44	43	266046	50.133	ug/l	99
44) Trichloroethene	7.21	130	83717	51.957	ug/l	99
45) 1,2-Dichloropropane	7.51	63	95130	50.551	ug/l	100
46) Dibromomethane	7.65	93	61285	50.325	ug/l	100
47) Bromodichloromethane	7.89	83	137031	50.536	ug/l	99
48) Methyl methacrylate	7.76	41	128863	51.512	ug/l	99
49) 1,4-Dioxane	7.73	88	53468	878.190	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	889787	255.673	ug/l	99
52) Toluene	8.78	92	202897	51.406	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	142841	50.678	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	147651	50.599	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	102597	50.454	ug/l	99
56) Ethyl methacrylate	9.17	69	167062	52.547	ug/l	99
57) 1,3-Dichloropropane	9.37	76	165911	51.137	ug/l	99
59) 2-Hexanone	9.49	43	679402	250.229	ug/l	98
60) Dibromochloromethane	9.58	129	109457	52.845	ug/l	100
61) 1,2-Dibromoethane	9.67	107	96666	52.050	ug/l	99
64) Tetrachloroethene	9.33	164	74925	57.178	ug/l	95
65) Chlorobenzene	10.14	112	236658	50.142	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	102429	52.291	ug/l	100
67) Ethyl Benzene	10.25	91	419005	51.673	ug/l	100
68) m/p-Xylenes	10.36	106	303076	102.724	ug/l	99
69) o-Xylene	10.70	106	158631	52.281	ug/l	99
70) Stvrene	10.71	104	280182	52.190	ug/l	99
71) Bromoform	10.85	173	78911	46.972	ug/l #	100
73) Isopropylbenzene	11.01	105	438615	51.777	ug/l	100
74) N-amyl acetate	10.89	43	233650	51.230	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	169935	51.138	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	139840m	45.090	ug/l	
77) Bromobenzene	11.25	156	106261	51.434	ug/l	99
78) n-propylbenzene	11.35	91	483996	51.262	ug/l	99
79) 2-Chlorotoluene	11.42	91	306425	49.888	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	373660	51.720	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51292	45.689	ug/l	99
82) 4-Chlorotoluene	11.51	91	359616	51.013	ug/l	99
83) tert-Butylbenzene	11.77	119	385721	49.825	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	386807	52.144	ug/l	99
85) sec-Butylbenzene	11.94	105	429485	50.347	ug/l	99
86) p-Isopropyltoluene	12.06	119	394287	50.335	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	199607	51.362	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	201500	50.475	ug/l	99
89) n-Butylbenzene	12.39	91	329516	47.147	ug/l	99
90) Hexachloroethane	12.59	117	72706	50.621	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	205048	50.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	46642	54.139	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	132055	50.473	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091919\
Data File : VX012541.D
Acq On : 19 Sep 2019 20:14
Operator : JC/SP
Sample : K4883-06MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW2-R2-1MS

Manual Integrations
APPROVED

MMDadoda
9/20/2019 10:46:11 AM

Quant Time: Sep 20 07:02:23 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 17 15:27:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	52065	42.222	ug/l	99
95) Naphthalene	13.83	128	500429	53.755	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	136895	51.346	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091919\
 Data File : VX012541.D
 Acd On : 19 Sep 2019 20:14
 Operator : JC/SP
 Sample : K4883-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 MW2-R2-1MS

Manual Integrations
 APPROVED

MMDadoda
 9/20/2019 10:46:11 AM

Quant Time: Sep 20 07:02:23 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

