

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012439.D
 Acq On : 17 Sep 2019 18:18
 Operator : JC/SP
 Sample : VX0917WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:20:35 AM

Quant Time: Sep 18 03:46:31 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	168236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	281485	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	252193	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	118750	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	119031	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	5.49	113	85511	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	
50) Toluene-d8	8.71	98	313746	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
62) 4-Bromofluorobenzene	11.14	95	127817	48.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.64%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	21295	19.215	ug/l	99
3) Chloromethane	1.32	50	18324	19.812	ug/l	100
4) Vinyl Chloride	1.40	62	19485	19.491	ug/l	99
5) Bromomethane	1.63	94	9796	24.943	ug/l	98
6) Chloroethane	1.72	64	13408	17.140	ug/l	92
7) Trichlorofluoromethane	1.92	101	37124	20.258	ug/l	98
8) Diethyl Ether	2.18	74	15643	18.899	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	26287	19.826	ug/l	97
10) Methyl Iodide	2.50	142	18429	19.200	ug/l	95
11) Tert butyl alcohol	3.03	59	58566	92.072	ug/l	98
12) 1,1-Dichloroethene	2.36	96	20696	19.567	ug/l	92
13) Acrolein	2.28	56	18957	88.451	ug/l	98
14) Allyl chloride	2.72	41	46663	18.949	ug/l	98
15) Acrylonitrile	3.13	53	98778	94.538	ug/l	100
16) Acetone	2.43	43	95041	80.881	ug/l	98
17) Carbon Disulfide	2.56	76	27115	19.278	ug/l	99
18) Methyl Acetate	2.76	43	47269	18.813	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	110689	19.193	ug/l	100
20) Methylene Chloride	2.84	84	27861	19.093	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	21475	19.552	ug/l	94
22) Diisopropyl ether	3.84	45	110374	19.143	ug/l	95
23) Vinyl Acetate	3.80	43	459222	96.822	ug/l	99
24) 1,1-Dichloroethane	3.69	63	54792	19.862	ug/l	99
25) 2-Butanone	4.66	43	148998	89.085	ug/l	100
26) 2,2-Dichloropropane	4.57	77	48243	17.781	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	31483	19.188	ug/l	97
28) Bromochloromethane	5.00	49	27626	19.425	ug/l	98
29) Tetrahydrofuran	5.12	42	89362	96.715	ug/l	99
30) Chloroform	5.20	83	59409	18.751	ug/l	99
31) Cyclohexane	5.57	56	32714	19.644	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	51415	19.416	ug/l	100
36) 1,1-Dichloropropene	5.79	75	32841	19.197	ug/l	96
37) Ethyl Acetate	4.82	43	51695	19.686	ug/l	97
38) Carbon Tetrachloride	5.78	117	40361	18.969	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012439.D
 Acq On : 17 Sep 2019 18:18
 Operator : JC/SP
 Sample : VX0917WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0917WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:20:35 AM

Quant Time: Sep 18 03:46:31 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	7.45	83	33879	20.372	ug/l	98
40) Benzene	6.13	78	106144	19.512	ug/l	97
41) Methacrylonitrile	5.03	41	31104	18.395	ug/l	97
42) 1,2-Dichloroethane	6.18	62	48137	19.078	ug/l	100
43) Isopropyl Acetate	6.43	43	90545	19.211	ug/l	100
44) Trichloroethene	7.21	130	28446	19.878	ug/l	99
45) 1,2-Dichloropropane	7.51	63	31593	18.903	ug/l	96
46) Dibromomethane	7.65	93	21166	19.570	ug/l	97
47) Bromodichloromethane	7.89	83	46007	19.105	ug/l	99
48) Methyl methacrylate	7.76	41	41693	18.766	ug/l	99
49) 1,4-Dioxane	7.73	88	18904	349.602	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	295862	95.722	ug/l	100
52) Toluene	8.78	92	68670	19.590	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	47504	18.977	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	49565	19.125	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	34004	18.829	ug/l	98
56) Ethyl methacrylate	9.17	69	53575	18.974	ug/l	99
57) 1,3-Dichloropropane	9.37	76	56362	19.560	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	145774	99.735	ug/l	99
59) 2-Hexanone	9.49	43	223220	92.570	ug/l	99
60) Dibromochloromethane	9.58	129	35546	19.323	ug/l	99
61) 1,2-Dibromoethane	9.67	107	32427	19.660	ug/l	97
64) Tetrachloroethene	9.33	164	23613	20.433	ug/l	97
65) Chlorobenzene	10.14	112	80395	19.314	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	34013	19.689	ug/l	99
67) Ethyl Benzene	10.25	91	140469	19.642	ug/l	99
68) m/p-Xylenes	10.35	106	102875	39.537	ug/l	98
69) o-Xylene	10.70	106	53612	20.035	ug/l	100
70) Styrene	10.71	104	91595	19.346	ug/l	99
71) Bromoform	10.85	173	23902	18.017	ug/l #	99
73) Isopropylbenzene	11.01	105	148866	19.980	ug/l	99
74) N-amyl acetate	10.89	43	77319	19.275	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	56939	19.481	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	54718m	20.060	ug/l	
77) Bromobenzene	11.25	156	36127	19.881	ug/l	99
78) n-propylbenzene	11.35	91	167906	20.219	ug/l	99
79) 2-Chlorotoluene	11.42	91	105836	19.590	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	128487	20.220	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	16795	18.952	ug/l	96
82) 4-Chlorotoluene	11.51	91	123145	19.861	ug/l	99
83) tert-Butylbenzene	11.76	119	134806	19.798	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	130304	19.972	ug/l	100
85) sec-Butylbenzene	11.94	105	153526	20.462	ug/l	100
86) p-Isopropyltoluene	12.06	119	138031	20.035	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	66087	19.334	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	68039	19.378	ug/l	98
89) n-Butylbenzene	12.39	91	118160	19.222	ug/l	98
90) Hexachloroethane	12.59	117	24050	19.038	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	68843	19.270	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	14945	19.723	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091719\
Data File : VX012439.D
Acq On : 17 Sep 2019 18:18
Operator : JC/SP
Sample : VX0917WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0917WBSD01

Manual Integrations
APPROVED

MMDadoda
9/18/2019 11:20:35 AM

Quant Time: Sep 18 03:46:31 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)
93) 1,2,4-Trichlorobenzene	13.64	180	44428	19.307	ug/l	98
94) Hexachlorobutadiene	13.78	225	20346	18.759	ug/l	98
95) Naphthalene	13.83	128	163824	20.008	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	45709	19.492	ug/l	97

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091719\
 Data File : VX012439.D
 Acq On : 17 Sep 2019 18:18
 Operator : JC/SP
 Sample : VX0917WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0917WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/18/2019 11:20:35 AM

Quant Time: Sep 18 03:46:31 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

