

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012926.D
 Acq On : 09 Oct 2019 06:38
 Operator : JC/SP
 Sample : K5190-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FC-MW10S-20191002MSD

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:39:21 AM

Quant Time: Oct 09 08:12:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	268748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	126803	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	113519	53.08	ug/l	0.00
Spiked Amount			Recovery	=	106.16%	
35) Dibromofluoromethane	5.49	113	90788	52.51	ug/l	0.00
Spiked Amount			Recovery	=	105.02%	
50) Toluene-d8	8.71	98	343301	50.91	ug/l	0.00
Spiked Amount			Recovery	=	101.82%	
62) 4-Bromofluorobenzene	11.14	95	132361	50.52	ug/l	0.00
Spiked Amount			Recovery	=	101.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	92335	52.944	ug/l	99
3) Chloromethane	1.32	50	101259	53.350	ug/l	97
4) Vinyl Chloride	1.40	62	101966	52.049	ug/l	99
5) Bromomethane	1.63	94	38713	47.538	ug/l	100
6) Chloroethane	1.71	64	63649	53.165	ug/l	99
7) Trichlorofluoromethane	1.92	101	141190	53.397	ug/l	99
8) Diethyl Ether	2.18	74	57184	53.579	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87507	51.135	ug/l	99
10) Methyl Iodide	2.50	142	105149	53.806	ug/l	98
11) Tert butyl alcohol	3.03	59	138310	243.979	ug/l	100
12) 1,1-Dichloroethene	2.36	96	90951	52.603	ug/l	98
13) Acrolein	2.28	56	88737	220.264	ug/l	99
14) Allyl chloride	2.72	41	157926	51.289	ug/l	99
15) Acrylonitrile	3.13	53	291770	271.590	ug/l	100
16) Acetone	2.44	43	251921	223.494	ug/l	100
17) Carbon Disulfide	2.56	76	248207	50.345	ug/l	100
18) Methyl Acetate	2.76	43	122686	45.920	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	329782	55.232	ug/l	99
20) Methylene Chloride	2.84	84	104292	50.345	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	98567	53.188	ug/l	96
22) Diisopropyl ether	3.84	45	323140	54.768	ug/l	94
23) Vinyl Acetate	3.80	43	1255094	246.413	ug/l	99
24) 1,1-Dichloroethane	3.69	63	181841	54.783	ug/l	98
25) 2-Butanone	4.66	43	398564	254.865	ug/l	99
26) 2,2-Dichloropropane	4.57	77	100833	36.125	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	113464	53.117	ug/l	97
28) Bromochloromethane	5.01	49	62462	63.084	ug/l	98
29) Tetrahydrofuran	5.11	42	259089	269.233	ug/l	99
30) Chloroform	5.20	83	180843	53.097	ug/l	94
31) Cyclohexane	5.57	56	162023	52.202	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	159154	55.150	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135491	51.158	ug/l	99
37) Ethyl Acetate	4.83	43	138747	46.850	ug/l	99
38) Carbon Tetrachloride	5.78	117	137817	53.461	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012926.D
 Acq On : 09 Oct 2019 06:38
 Operator : JC/SP
 Sample : K5190-09MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 FC-MW10S-20191002MSD

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:39:21 AM

Quant Time: Oct 09 08:12:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	159150	49.550	ug/l	98
40) Benzene	6.13	78	413012	52.799	ug/l	98
41) Methacrylonitrile	5.03	41	85466	52.519	ug/l	98
42) 1,2-Dichloroethane	6.18	62	148161	52.785	ug/l	99
43) Isopropyl Acetate	6.43	43	234787	49.394	ug/l	99
44) Trichloroethene	7.21	130	106865	49.266	ug/l	94
45) 1,2-Dichloropropane	7.51	63	106698	53.518	ug/l	99
46) Dibromomethane	7.65	93	71161	53.573	ug/l	99
47) Bromodichloromethane	7.89	83	138863	53.570	ug/l	99
48) Methyl methacrylate	7.76	41	122487	52.879	ug/l	99
49) 1,4-Dioxane	7.73	88	57583	928.938	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	779797	263.124	ug/l	100
52) Toluene	8.78	92	260423	52.039	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	145604	45.226	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	158920	49.847	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	104341	52.685	ug/l	98
56) Ethyl methacrylate	9.17	69	172672	48.737	ug/l	99
57) 1,3-Dichloropropane	9.37	76	177922	51.935	ug/l	99
59) 2-Hexanone	9.49	43	598554	259.453	ug/l	100
60) Dibromochloromethane	9.57	129	107533	48.837	ug/l	98
61) 1,2-Dibromoethane	9.67	107	111478	53.509	ug/l	100
64) Tetrachloroethene	9.33	164	93433	50.124	ug/l	96
65) Chlorobenzene	10.14	112	272804	51.116	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	99324	53.676	ug/l	98
67) Ethyl Benzene	10.25	91	494290	52.141	ug/l	98
68) m/p-Xylenes	10.35	106	371963	105.029	ug/l	100
69) o-Xylene	10.70	106	180342	52.218	ug/l	98
70) Styrene	10.71	104	310946	52.962	ug/l	99
71) Bromoform	10.85	173	73909	47.081	ug/l #	100
73) Isopropylbenzene	11.01	105	483193	51.829	ug/l	100
74) N-amyl acetate	10.89	43	191350	47.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	162952	52.552	ug/l	96
76) 1,2,3-Trichloropropane	11.29	75	152821m	54.337	ug/l	
77) Bromobenzene	11.25	156	112149	51.049	ug/l	98
78) n-propylbenzene	11.35	91	534274	52.081	ug/l	98
79) 2-Chlorotoluene	11.42	91	330650	51.286	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	408457	52.470	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	45049	41.909	ug/l	99
82) 4-Chlorotoluene	11.51	91	379825	51.399	ug/l	100
83) tert-Butylbenzene	11.76	119	391626	51.572	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	412148	52.276	ug/l	100
85) sec-Butylbenzene	11.94	105	452623	51.448	ug/l	98
86) p-Isopropyltoluene	12.06	119	417796	51.204	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	201713	49.444	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	201221	48.701	ug/l	99
89) n-Butylbenzene	12.38	91	345846	50.433	ug/l	99
90) Hexachloroethane	12.59	117	72320	47.946	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	202559	50.646	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	38789	53.372	ug/l	98
93) 1,2,4-Trichlorobenzene	13.64	180	120939	48.271	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100819\
Data File : VX012926.D
Acq On : 09 Oct 2019 06:38
Operator : JC/SP
Sample : K5190-09MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FC-MW10S-20191002MSD

Manual Integrations
APPROVED

MMDadoda
10/9/2019 10:39:21 AM

Quant Time: Oct 09 08:12:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	53571	46.332	ug/l	100
95) Naphthalene	13.83	128	441947	50.886	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126184	48.737	ug/l	100

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

