

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071619\
 Data File : VX010920.D
 Acq On : 16 Jul 2019 20:35
 Operator : JC/SP
 Sample : K3791-15MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MSD

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:23:19 PM

Quant Time: Jul 17 05:50:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	366051	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	338005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	176961	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	130010	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	
35) Dibromofluoromethane	5.50	113	115192	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	8.71	98	437867	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.13	95	167654	52.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	129556	50.888	ug/l	100
3) Chloromethane	1.32	50	113856	51.866	ug/l	99
4) Vinyl Chloride	1.41	62	119835	53.520	ug/l	99
5) Bromomethane	1.64	94	60978	48.327	ug/l	96
6) Chloroethane	1.72	64	71252	50.075	ug/l	96
7) Trichlorofluoromethane	1.93	101	193545	51.065	ug/l	99
8) Diethyl Ether	2.19	74	64575	49.449	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	105198	48.610	ug/l	99
10) Methyl Iodide	2.51	142	149725	52.722	ug/l	100
11) Tert butyl alcohol	3.05	59	129723	219.338	ug/l #	73
12) 1,1-Dichloroethene	2.37	96	107741	50.671	ug/l	97
13) Acrolein	2.29	56	79505	232.669	ug/l	99
14) Allyl chloride	2.73	41	159891	51.770	ug/l	100
15) Acrylonitrile	3.14	53	336789	281.809	ug/l	94
16) Acetone	2.45	43	257899	224.852	ug/l	98
17) Carbon Disulfide	2.57	76	286776	52.579	ug/l	100
18) Methyl Acetate	2.78	43	115589	44.258	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	353962	51.712	ug/l #	1
20) Methylene Chloride	2.85	84	118423	48.720	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	113807	50.445	ug/l	96
22) Diisopropyl ether	3.85	45	332285	51.012	ug/l	96
23) Vinyl Acetate	3.81	43	1297210	235.040	ug/l	99
24) 1,1-Dichloroethane	3.70	63	192635	50.922	ug/l	100
25) 2-Butanone	4.67	43	418878	254.411	ug/l	98
26) 2,2-Dichloropropane	4.58	77	131254	42.257	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	133010	50.942	ug/l	97
28) Bromochloromethane	5.01	49	92152	51.694	ug/l	99
29) Tetrahydrofuran	5.13	42	274207	262.919	ug/l	98
30) Chloroform	5.21	83	208460	50.982	ug/l	92
31) Cyclohexane	5.59	56	716893	207.911	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	186190	52.633	ug/l	100
36) 1,1-Dichloropropene	5.80	75	151884	50.514	ug/l	99
37) Ethyl Acetate	4.84	43	141691	46.021	ug/l	98
38) Carbon Tetrachloride	5.79	117	163870	52.301	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071619\
 Data File : VX010920.D
 Acq On : 16 Jul 2019 20:35
 Operator : JC/SP
 Sample : K3791-15MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FL-0604MSD

Manual Integrations
 APPROVED

MMDadoda
 7/17/2019 1:23:19 PM

Quant Time: Jul 17 05:50:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:37:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	871105	223.406	ug/l	98
40) Benzene	6.14	78	460131	49.958	ug/l	99
41) Methacrylonitrile	5.04	41	88122	50.419	ug/l	97
42) 1,2-Dichloroethane	6.19	62	163054	50.916	ug/l	100
43) Isopropyl Acetate	6.45	43	252457	49.867	ug/l	98
44) Trichloroethene	7.21	130	134256	49.245	ug/l	96
45) 1,2-Dichloropropane	7.51	63	116762	49.808	ug/l	98
46) Dibromomethane	7.66	93	85306	50.926	ug/l	100
47) Bromodichloromethane	7.90	83	157283	52.747	ug/l	98
48) Methyl methacrylate	7.77	41	162868	66.039	ug/l	90
49) 1,4-Dioxane	7.74	88	57501	833.515	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	861440	262.494	ug/l	99
52) Toluene	8.78	92	302635	50.018	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	170021	53.029	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	182751	51.224	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	121252	48.670	ug/l	97
56) Ethyl methacrylate	9.18	69	203685	55.893	ug/l	97
57) 1,3-Dichloropropane	9.37	76	199898	50.580	ug/l	99
59) 2-Hexanone	9.49	43	645160	253.463	ug/l	99
60) Dibromochloromethane	9.58	129	137595	48.091	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137715	52.088	ug/l	100
64) Tetrachloroethene	9.34	164	118563	44.589	ug/l	98
65) Chlorobenzene	10.13	112	340023	48.978	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	126315	51.770	ug/l	99
67) Ethyl Benzene	10.25	91	1207831	102.214	ug/l	99
68) m/p-Xylenes	10.36	106	675017	148.919	ug/l	99
69) o-Xylene	10.69	106	229277	51.828	ug/l	99
70) Stvrene	10.71	104	381462	51.728	ug/l	99
71) Bromoform	10.85	173	105208	47.492	ug/l #	99
73) Isopropylbenzene	11.02	105	879396	73.545	ug/l	100
74) N-amyl acetate	10.90	43	212473	46.506	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	197137	50.379	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	163676m	51.255	ug/l	
77) Bromobenzene	11.26	156	162536	49.280	ug/l	98
78) n-propylbenzene	11.36	91	1308460	99.037	ug/l	99
79) 2-Chlorotoluene	11.42	91	419340	52.836	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	1071352	107.227	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	56941	45.560	ug/l	99
82) 4-Chlorotoluene	11.51	91	531308	57.517	ug/l	92
83) tert-Butylbenzene	11.77	119	533810	54.392	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	2315061	229.888	ug/l	100
85) sec-Butylbenzene	11.94	105	676895	58.863	ug/l	98
86) p-Isopropyltoluene	12.06	119	638609	60.069	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	288762	50.449	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	285885	48.700	ug/l	99
89) n-Butylbenzene	12.38	91	583478	64.151	ug/l	89
90) Hexachloroethane	12.60	117	126133	75.221	ug/l	72
91) 1,2-Dichlorobenzene	12.39	146	279509	49.273	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46858	57.287	ug/l	91
93) 1,2,4-Trichlorobenzene	13.65	180	199164	51.806	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX071619\
Data File : VX010920.D
Acq On : 16 Jul 2019 20:35
Operator : JC/SP
Sample : K3791-15MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FL-0604MSD

Manual Integrations
APPROVED

MMDadoda
7/17/2019 1:23:19 PM

Quant Time: Jul 17 05:50:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 17 04:37:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	92461	48.533	ug/l	99
95) Naphthalene	13.83	128	788867	69.489	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	198771	51.964	ug/l	97

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

