

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110419\
 Data File : VX013322.D
 Acq On : 04 Nov 2019 13:23
 Operator : JC/SP
 Sample : VX1104WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 10:37:10 AM

Quant Time: Nov 05 00:50:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	723604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1075852	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	975003	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	498295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.04	65	409837	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	
35) Dibromofluoromethane	5.48	113	328089	48.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.24%	
50) Toluene-d8	8.71	98	1252881	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	11.13	95	448918	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	165021	19.793	ug/l	97
3) Chloromethane	1.31	50	180867	20.004	ug/l	100
4) Vinyl Chloride	1.40	62	205300	19.945	ug/l	98
5) Bromomethane	1.62	94	121744	16.972	ug/l	99
6) Chloroethane	1.71	64	112196	18.313	ug/l	99
7) Trichlorofluoromethane	1.92	101	221165	18.187	ug/l	98
8) Diethyl Ether	2.17	74	103025	19.158	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	132949	19.615	ug/l	99
10) Methyl Iodide	2.50	142	151551	18.059	ug/l	97
11) Tert butyl alcohol	3.02	59	199690	88.379	ug/l	99
12) 1,1-Dichloroethene	2.36	96	131427	19.801	ug/l	99
13) Acrolein	2.28	56	96856	79.094	ug/l	98
14) Allyl chloride	2.72	41	242538	20.111	ug/l	97
15) Acrylonitrile	3.12	53	425433	100.799	ug/l	99
16) Acetone	2.42	43	418213	97.807	ug/l	100
17) Carbon Disulfide	2.56	76	356265	20.054	ug/l	99
18) Methyl Acetate	2.76	43	240828	20.401	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	459692	20.765	ug/l	98
20) Methylene Chloride	2.84	84	151903	19.228	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	143082	19.798	ug/l	98
22) Diisopropyl ether	3.84	45	484113	20.792	ug/l	93
23) Vinyl Acetate	3.80	43	2056131	103.201	ug/l	99
24) 1,1-Dichloroethane	3.68	63	262682	20.168	ug/l	99
25) 2-Butanone	4.65	43	615806	98.171	ug/l	97
26) 2,2-Dichloropropane	4.57	77	209590	20.228	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	165470	20.439	ug/l	98
28) Bromochloromethane	5.00	49	76088	20.574	ug/l	96
29) Tetrahydrofuran	5.11	42	384411	99.446	ug/l	99
30) Chloroform	5.19	83	258034	20.063	ug/l	100
31) Cyclohexane	5.56	56	232799	19.863	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	214378	19.369	ug/l	99
36) 1,1-Dichloropropene	5.78	75	194877	21.115	ug/l	99
37) Ethyl Acetate	4.81	43	229902	20.159	ug/l	100
38) Carbon Tetrachloride	5.76	117	183658	20.349	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX110419\
 Data File : VX013322.D
 Acq On : 04 Nov 2019 13:23
 Operator : JC/SP
 Sample : VX1104WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1104WBSD01

Manual Integrations
 APPROVED

MMDadoda
 11/5/2019 10:37:10 AM

Quant Time: Nov 05 00:50:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	236308	20.548	ug/l	99
40) Benzene	6.13	78	582789	20.271	ug/l	100
41) Methacrylonitrile	5.02	41	128381	20.084	ug/l	99
42) 1,2-Dichloroethane	6.18	62	212933	20.533	ug/l	99
43) Isopropyl Acetate	6.43	43	367409	20.689	ug/l	99
44) Trichloroethene	7.20	130	157388	19.888	ug/l	97
45) 1,2-Dichloropropane	7.50	63	153292	20.927	ug/l	100
46) Dibromomethane	7.65	93	100735	20.141	ug/l	98
47) Bromodichloromethane	7.89	83	198195	21.015	ug/l	96
48) Methyl methacrylate	7.76	41	185364	20.910	ug/l	99
49) 1,4-Dioxane	7.73	88	79713	392.647	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1184467	101.659	ug/l	99
52) Toluene	8.78	92	363898	20.422	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	216454	20.988	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	239343	20.747	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	155305	21.028	ug/l	99
56) Ethyl methacrylate	9.17	69	240241	20.021	ug/l	99
57) 1,3-Dichloropropane	9.36	76	260644	20.789	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	505696	100.138	ug/l	100
59) 2-Hexanone	9.48	43	917886	101.943	ug/l	100
60) Dibromochloromethane	9.57	129	156910	20.773	ug/l	99
61) 1,2-Dibromoethane	9.67	107	161920	20.646	ug/l	99
64) Tetrachloroethene	9.33	164	143049	20.495	ug/l	96
65) Chlorobenzene	10.13	112	396985	20.111	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.21	131	148728	20.520	ug/l	99
67) Ethyl Benzene	10.25	91	690889	20.280	ug/l	99
68) m/p-Xylenes	10.36	106	532197	41.306	ug/l	99
69) o-Xylene	10.69	106	258750	20.513	ug/l	99
70) Styrene	10.71	104	439524	20.844	ug/l	99
71) Bromoform	10.85	173	121221	20.086	ug/l #	100
73) Isopropylbenzene	11.01	105	690189	20.891	ug/l	100
74) N-amyl acetate	10.89	43	324763	21.198	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	247135	20.505	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	199814m	19.742	ug/l	
77) Bromobenzene	11.25	156	181386	20.595	ug/l	97
78) n-propylbenzene	11.35	91	774707	21.051	ug/l	99
79) 2-Chlorotoluene	11.42	91	468581	21.133	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	585013	21.259	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	80761	20.539	ug/l	96
82) 4-Chlorotoluene	11.51	91	534725	20.601	ug/l	99
83) tert-Butylbenzene	11.76	119	583216	21.054	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	590270	21.383	ug/l	100
85) sec-Butylbenzene	11.94	105	667779	20.975	ug/l	100
86) p-Isopropyltoluene	12.06	119	625409	21.333	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	319347	20.341	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	322674	20.173	ug/l	100
89) n-Butylbenzene	12.39	91	530991	20.757	ug/l	100
90) Hexachloroethane	12.59	117	107811	20.640	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	323970	20.644	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	51672	17.597	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX110419\
Data File : VX013322.D
Acq On : 04 Nov 2019 13:23
Operator : JC/SP
Sample : VX1104WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1104WBSD01

Manual Integrations
APPROVED

MMDadoda
11/5/2019 10:37:10 AM

Quant Time: Nov 05 00:50:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	226260	20.669	ug/l	98
94) Hexachlorobutadiene	13.78	225	110859	20.700	ug/l	99
95) Naphthalene	13.83	128	704944	20.525	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	230197	20.969	ug/l	98

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

