

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011819\
 Data File : VX007135.D
 Acq On : 18 Jan 2019 15:22
 Operator : JC/SP
 Sample : VX0118WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 10:59:16 AM

Quant Time: Jan 18 22:34:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	444691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	667044	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	617584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	320379	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	244296	52.57	ug/l	0.00
Spiked Amount			Recovery	=	105.14%	
35) Dibromofluoromethane	5.50	113	219294	51.34	ug/l	0.00
Spiked Amount			Recovery	=	102.68%	
50) Toluene-d8	8.71	98	820884	52.50	ug/l	0.00
Spiked Amount			Recovery	=	105.00%	
62) 4-Bromofluorobenzene	11.13	95	301052	55.23	ug/l	0.00
Spiked Amount			Recovery	=	110.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	72600	19.881	ug/l	99
3) Chloromethane	1.33	50	86482	20.343	ug/l	98
4) Vinyl Chloride	1.41	62	89166	19.498	ug/l	100
5) Bromomethane	1.64	94	94244	19.289	ug/l	98
6) Chloroethane	1.72	64	60058	18.809	ug/l	99
7) Trichlorofluoromethane	1.93	101	147089	19.907	ug/l	99
8) Diethyl Ether	2.19	74	55484	18.875	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.39	101	86894	19.643	ug/l	99
10) Methyl Iodide	2.51	142	113604	19.038	ug/l	99
11) Tert butyl alcohol	3.07	59	114974	104.875	ug/l	100
12) 1,1-Dichloroethene	2.37	96	78851	19.293	ug/l	94
13) Acrolein	2.29	56	60103	128.634	ug/l	98
14) Allyl chloride	2.73	41	134515	19.204	ug/l	97
15) Acrylonitrile	3.15	53	264884	105.251	ug/l	100
16) Acetone	2.45	43	231030	100.556	ug/l	99
17) Carbon Disulfide	2.57	76	168384	16.002	ug/l	99
18) Methyl Acetate	2.78	43	144888	21.776	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	289643	20.418	ug/l	97
20) Methylene Chloride	2.85	84	92742	20.893	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	87612	19.236	ug/l	95
22) Diisopropyl ether	3.87	45	266087	20.207	ug/l	92
23) Vinyl Acetate	3.82	43	1064890	95.892	ug/l	99
24) 1,1-Dichloroethane	3.70	63	145078	19.703	ug/l	98
25) 2-Butanone	4.70	43	338642	103.011	ug/l	100
26) 2,2-Dichloropropane	4.59	77	94806	16.744	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	95837	19.077	ug/l	98
28) Bromochloromethane	5.02	49	67778	21.010	ug/l	97
29) Tetrahydrofuran	5.15	42	216296	101.242	ug/l	98
30) Chloroform	5.21	83	156434	20.292	ug/l	97
31) Cyclohexane	5.58	56	121893	18.600	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	127093	19.450	ug/l	98
36) 1,1-Dichloropropene	5.80	75	109939	18.957	ug/l	99
37) Ethyl Acetate	4.85	43	124192	19.975	ug/l	99
38) Carbon Tetrachloride	5.78	117	108872	18.659	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
 Data File : VX007135.D
 Acq On : 18 Jan 2019 15:22
 Operator : JC/SP
 Sample : VX0118WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0118WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/21/2019 10:59:16 AM

Quant Time: Jan 18 22:34:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	132800	17.962	ug/l	97
40) Benzene	6.14	78	346985	19.608	ug/l	98
41) Methacrylonitrile	5.06	41	67733	18.911	ug/l	98
42) 1,2-Dichloroethane	6.20	62	121035	19.793	ug/l	99
43) Isopropyl Acetate	6.46	43	188850	19.256	ug/l	99
44) Trichloroethene	7.21	130	98967	18.663	ug/l	95
45) 1,2-Dichloropropane	7.52	63	86011	19.334	ug/l	100
46) Dibromomethane	7.66	93	60761	19.434	ug/l	96
47) Bromodichloromethane	7.90	83	104084	19.557	ug/l	99
48) Methyl methacrylate	7.77	41	100922	20.039	ug/l	98
49) 1,4-Dioxane	7.75	88	50878	437.531	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	677298	107.461	ug/l	100
52) Toluene	8.78	92	226691	19.931	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	106364	18.024	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	120695	18.520	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	97084	21.326	ug/l	96
56) Ethyl methacrylate	9.18	69	134650	20.260	ug/l	96
57) 1,3-Dichloropropane	9.37	76	152468	20.443	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	334914	98.012	ug/l	100
59) 2-Hexanone	9.49	43	513582	106.929	ug/l	99
60) Dibromochloromethane	9.58	129	87128	19.710	ug/l	99
61) 1,2-Dibromoethane	9.67	107	100977	20.148	ug/l	99
64) Tetrachloroethene	9.34	164	101339	18.953	ug/l	98
65) Chlorobenzene	10.14	112	266203	19.763	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	88746	19.585	ug/l	99
67) Ethyl Benzene	10.25	91	427057	19.205	ug/l	98
68) m/p-Xylenes	10.36	106	339258	38.723	ug/l	100
69) o-Xylene	10.70	106	168504	19.721	ug/l	99
70) Styrene	10.71	104	269731	19.932	ug/l	99
71) Bromoform	10.86	173	64160	19.058	ug/l #	97
73) Isopropylbenzene	11.02	105	443338	19.624	ug/l	100
74) N-amyl acetate	10.90	43	174625	19.199	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	144265	20.115	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	131763m	20.295	ug/l	
77) Bromobenzene	11.26	156	122659	19.705	ug/l	99
78) n-propylbenzene	11.36	91	495011	19.960	ug/l	99
79) 2-Chlorotoluene	11.42	91	293309	19.647	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	367800	19.484	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	30061	16.699	ug/l	88
82) 4-Chlorotoluene	11.51	91	342255	19.801	ug/l	100
83) tert-Butylbenzene	11.77	119	365365	19.399	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	378412	19.935	ug/l	100
85) sec-Butylbenzene	11.94	105	449457	19.982	ug/l	99
86) p-Isopropyltoluene	12.06	119	395233	19.645	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	219657	19.523	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	219516	20.677	ug/l	99
89) n-Butylbenzene	12.39	91	328116	19.131	ug/l	98
90) Hexachloroethane	12.60	117	54241	18.814	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	219002	19.724	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	27481	19.374	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011819\
Data File : VX007135.D
Acq On : 18 Jan 2019 15:22
Operator : JC/SP
Sample : VX0118WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0118WBSD01

Manual Integrations
APPROVED

MMDadoda
1/21/2019 10:59:16 AM

Quant Time: Jan 18 22:34:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143113	18.787	ug/l	99
94) Hexachlorobutadiene	13.78	225	69755	20.635	ug/l	97
95) Naphthalene	13.83	128	448442	19.427	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	147529	19.496	ug/l	98

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

