

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
 Data File : VX007105.D
 Acq On : 17 Jan 2019 23:22
 Operator : JC/SP
 Sample : VX0117WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0117WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:22:53 AM

Quant Time: Jan 18 07:06:48 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	506385	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	757257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	681149	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	334842	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	277642	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
35) Dibromofluoromethane	5.51	113	249979	51.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.10%	
50) Toluene-d8	8.71	98	908660	51.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.38%	
62) 4-Bromofluorobenzene	11.13	95	319300	51.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.20%	
Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.20	85	83752	20.140	ug/l	99
3) Chloromethane	1.33	50	92625	19.134	ug/l	100
4) Vinyl Chloride	1.41	62	101947	19.577	ug/l	100
5) Bromomethane	1.64	94	106430	19.130	ug/l	99
6) Chloroethane	1.72	64	67786	18.643	ug/l	95
7) Trichlorofluoromethane	1.93	101	169300	20.121	ug/l	97
8) Diethyl Ether	2.19	74	67523	20.172	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	98558	19.565	ug/l	98
10) Methyl Iodide	2.51	142	135262	19.906	ug/l	98
11) Tert butyl alcohol	3.07	59	136400	109.261	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90244	19.390	ug/l	96
13) Acrolein	2.30	56	72287	135.688	ug/l	100
14) Allyl chloride	2.73	41	158072	19.818	ug/l	99
15) Acrylonitrile	3.15	53	307279	107.221	ug/l	99
16) Acetone	2.45	43	262364	100.282	ug/l	99
17) Carbon Disulfide	2.57	76	199625	16.660	ug/l	100
18) Methyl Acetate	2.78	43	169827	22.415	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	333402	20.639	ug/l	97
20) Methylene Chloride	2.86	84	106248	21.023	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	98749	19.040	ug/l	98
22) Diisopropyl ether	3.87	45	306570	20.445	ug/l	94
23) Vinyl Acetate	3.82	43	1239233	97.996	ug/l	98
24) 1,1-Dichloroethane	3.70	63	167758	20.007	ug/l	99
25) 2-Butanone	4.70	43	392282	104.790	ug/l	97
26) 2,2-Dichloropropane	4.59	77	96900	15.029	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	110963	19.396	ug/l	98
28) Bromochloromethane	5.02	49	73725	20.069	ug/l	98
29) Tetrahydrofuran	5.15	42	254497	104.610	ug/l	98
30) Chloroform	5.21	83	177732	20.246	ug/l	98
31) Cyclohexane	5.57	56	144078	19.306	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	150614	20.241	ug/l	98
36) 1,1-Dichloropropene	5.80	75	127791	19.410	ug/l	98
37) Ethyl Acetate	4.85	43	147844	20.946	ug/l	97
38) Carbon Tetrachloride	5.79	117	126645	19.119	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011719\
 Data File : VX007105.D
 Acq On : 17 Jan 2019 23:22
 Operator : JC/SP
 Sample : VX0117WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX0117WBS02

Manual Integrations
 APPROVED

MMDadoda
 1/18/2019 10:22:53 AM

Quant Time: Jan 18 07:06:48 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	152807	18.206	ug/l	97
40) Benzene	6.15	78	395720	19.698	ug/l	98
41) Methacrylonitrile	5.06	41	80783	19.867	ug/l	100
42) 1,2-Dichloroethane	6.20	62	137966	19.874	ug/l	99
43) Isopropyl Acetate	6.46	43	223552	20.079	ug/l	98
44) Trichloroethene	7.21	130	117460	19.512	ug/l	98
45) 1,2-Dichloropropane	7.52	63	102680	20.331	ug/l	99
46) Dibromomethane	7.66	93	70318	19.811	ug/l	97
47) Bromodichloromethane	7.90	83	118893	19.679	ug/l	97
48) Methyl methacrylate	7.77	41	114783	20.076	ug/l	99
49) 1,4-Dioxane	7.75	88	56136	424.994	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	758613	106.024	ug/l	99
52) Toluene	8.79	92	253769	19.654	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	121868	18.191	ug/l	95
54) cis-1,3-Dichloropropene	8.43	75	139954	18.917	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	108384	20.972	ug/l	97
56) Ethyl methacrylate	9.18	69	152993	20.278	ug/l	96
57) 1,3-Dichloropropane	9.37	76	172887	20.419	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	396085	102.104	ug/l	99
59) 2-Hexanone	9.49	43	574091	105.287	ug/l	99
60) Dibromochloromethane	9.58	129	101093	20.144	ug/l	97
61) 1,2-Dibromoethane	9.67	107	115926	20.375	ug/l	99
64) Tetrachloroethene	9.34	164	119587	20.279	ug/l	96
65) Chlorobenzene	10.14	112	294205	19.804	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	101820	20.374	ug/l	99
67) Ethyl Benzene	10.25	91	479179	19.538	ug/l	99
68) m/p-Xylenes	10.36	106	369327	38.222	ug/l	99
69) o-Xylene	10.70	106	185341	19.668	ug/l	99
70) Styrene	10.71	104	296372	19.857	ug/l	100
71) Bromoform	10.86	173	72874	19.485	ug/l #	98
73) Isopropylbenzene	11.02	105	491031	20.797	ug/l	99
74) N-amyl acetate	10.90	43	199058	20.940	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	158621	21.162	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	144851m	21.347	ug/l	
77) Bromobenzene	11.26	156	133185	20.472	ug/l	98
78) n-propylbenzene	11.36	91	533364	20.577	ug/l	99
79) 2-Chlorotoluene	11.42	91	318667	20.424	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	400739	20.312	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33265	17.458	ug/l	89
82) 4-Chlorotoluene	11.51	91	369887	20.475	ug/l	99
83) tert-Butylbenzene	11.77	119	398463	20.243	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	408878	20.610	ug/l	98
85) sec-Butylbenzene	11.94	105	483501	20.567	ug/l	99
86) p-Isopropyltoluene	12.06	119	426895	20.302	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	233830	19.885	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	235168	21.191	ug/l	99
89) n-Butylbenzene	12.38	91	354523	19.778	ug/l	99
90) Hexachloroethane	12.60	117	61978	20.297	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	233230	20.098	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	29761	20.075	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX011719\
Data File : VX007105.D
Acq On : 17 Jan 2019 23:22
Operator : JC/SP
Sample : VX0117WBS02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0117WBS02

Manual Integrations
APPROVED

MMDadoda
1/18/2019 10:22:53 AM

Quant Time: Jan 18 07:06:48 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	156316	19.634	ug/l	100
94) Hexachlorobutadiene	13.78	225	73344	20.760	ug/l	99
95) Naphthalene	13.83	128	488397	20.245	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	158731	20.070	ug/l	98

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

