

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014053.D
 Acq On : 17 Dec 2019 15:44
 Operator : JC/SP
 Sample : VX1217WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

Quant Time: Dec 18 07:34:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	559692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	844426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	768433	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	371549	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	309279	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
35) Dibromofluoromethane	5.48	113	254731	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	8.71	98	996967	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	344754	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	94878	18.948	ug/l	97
3) Chloromethane	1.32	50	130192	19.375	ug/l	97
4) Vinyl Chloride	1.40	62	134465	18.964	ug/l	100
5) Bromomethane	1.63	94	81345	16.164	ug/l	98
6) Chloroethane	1.72	64	84448	19.297	ug/l	95
7) Trichlorofluoromethane	1.92	101	167866	19.125	ug/l	99
8) Diethyl Ether	2.18	74	75599	18.352	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	100298	18.956	ug/l	97
10) Methyl Iodide	2.50	142	115721	18.336	ug/l	98
11) Tert butyl alcohol	3.03	59	126754	92.477	ug/l	98
12) 1,1-Dichloroethene	2.36	96	100780	18.719	ug/l	99
13) Acrolein	2.28	56	95215	121.354	ug/l	97
14) Allyl chloride	2.72	41	183705	19.110	ug/l	99
15) Acrylonitrile	3.13	53	308044	96.288	ug/l	100
16) Acetone	2.43	43	351164	85.272	ug/l	100
17) Carbon Disulfide	2.56	76	271431	18.638	ug/l	99
18) Methyl Acetate	2.76	43	153692	18.834	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	337052	19.052	ug/l	98
20) Methylene Chloride	2.84	84	118830	18.324	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	108437	18.282	ug/l	98
22) Diisopropyl ether	3.84	45	370760	19.355	ug/l	97
23) Vinyl Acetate	3.80	43	1568539	100.340	ug/l	99
24) 1,1-Dichloroethane	3.69	63	198534	18.629	ug/l	99
25) 2-Butanone	4.65	43	464917	91.569	ug/l	98
26) 2,2-Dichloropropane	4.57	77	153476	18.548	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	124819	18.607	ug/l	99
28) Bromochloromethane	5.00	49	85387	21.097	ug/l	99
29) Tetrahydrofuran	5.11	42	275717	97.089	ug/l	99
30) Chloroform	5.20	83	192764	19.080	ug/l	99
31) Cyclohexane	5.57	56	183493	19.358	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	161779	18.788	ug/l	99
36) 1,1-Dichloropropene	5.79	75	147178	18.995	ug/l	99
37) Ethyl Acetate	4.82	43	169032	19.756	ug/l	96
38) Carbon Tetrachloride	5.78	117	134353	19.034	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
 Data File : VX014053.D
 Acq On : 17 Dec 2019 15:44
 Operator : JC/SP
 Sample : VX1217WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1217WBS01

Quant Time: Dec 18 07:34:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	187427	19.591	ug/l	98
40) Benzene	6.13	78	452926	18.999	ug/l	99
41) Methacrylonitrile	5.03	41	93195	19.631	ug/l	97
42) 1,2-Dichloroethane	6.18	62	158835	19.655	ug/l	100
43) Isopropyl Acetate	6.43	43	270181	19.081	ug/l	99
44) Trichloroethene	7.20	130	123253	18.718	ug/l	96
45) 1,2-Dichloropropane	7.50	63	119829	19.611	ug/l	91
46) Dibromomethane	7.65	93	74792	18.513	ug/l	99
47) Bromodichloromethane	7.89	83	145162	19.079	ug/l	99
48) Methyl methacrylate	7.76	41	131804	19.009	ug/l	98
49) 1,4-Dioxane	7.73	88	56405	399.745	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	854359	96.075	ug/l	99
52) Toluene	8.78	92	282719	18.762	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	156291	18.734	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	178637	19.220	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	116460	19.284	ug/l	97
56) Ethyl methacrylate	9.17	69	177958	18.759	ug/l	99
57) 1,3-Dichloropropane	9.37	76	196098	19.299	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	359969	100.267	ug/l	99
59) 2-Hexanone	9.48	43	663421	92.675	ug/l	100
60) Dibromochloromethane	9.57	129	114158	19.016	ug/l	98
61) 1,2-Dibromoethane	9.67	107	120325	19.473	ug/l	98
64) Tetrachloroethene	9.33	164	122206	17.972	ug/l	98
65) Chlorobenzene	10.14	112	304295	18.624	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	108879	18.663	ug/l	99
67) Ethyl Benzene	10.24	91	528876	18.828	ug/l	100
68) m/p-Xylenes	10.35	106	404174	37.410	ug/l	100
69) o-Xylene	10.70	106	199086	18.789	ug/l	98
70) Styrene	10.71	104	324321	18.101	ug/l	98
71) Bromoform	10.85	173	82332	17.557	ug/l #	97
73) Isopropylbenzene	11.01	105	516507	19.744	ug/l	99
74) N-amyl acetate	10.89	43	223566	18.232	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	174466	19.237	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	140553m	17.425	ug/l	
77) Bromobenzene	11.25	156	135388	18.810	ug/l	98
78) n-propylbenzene	11.35	91	580474	19.782	ug/l	100
79) 2-Chlorotoluene	11.42	91	346465	19.424	ug/l	98
80) 1,3,5-Trimethylbenzene	11.50	105	431069	19.580	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52830	18.486	ug/l	92
82) 4-Chlorotoluene	11.51	91	397323	19.204	ug/l	99
83) tert-Butylbenzene	11.76	119	419600	19.584	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	430475	19.524	ug/l	100
85) sec-Butylbenzene	11.94	105	498267	19.700	ug/l	100
86) p-Isopropyltoluene	12.06	119	459512	19.861	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	232666	18.444	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	232582	18.133	ug/l	99
89) n-Butylbenzene	12.38	91	378828	19.189	ug/l	99
90) Hexachloroethane	12.59	117	77030	18.536	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	231809	18.255	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34871	17.375	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121719\
Data File : VX014053.D
Acq On : 17 Dec 2019 15:44
Operator : JC/SP
Sample : VX1217WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1217WBS01

Quant Time: Dec 18 07:34:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	146143	17.707	ug/l	97
94) Hexachlorobutadiene	13.78	225	72231	18.210	ug/l	97
95) Naphthalene	13.83	128	439033	18.105	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	148374	18.211	ug/l	98

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

Quant Time: Dec 18 07:34:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
Quant Title : SW846 8260
QLast Update : Tue Dec 17 03:01:07 2019
Response via : Initial Calibration

