

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120318\
 Data File : VX006265.D
 Acq On : 03 Dec 2018 20:31
 Operator : JC/MD
 Sample : VX1203WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1203WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 9:58:55 AM

Quant Time: Dec 04 06:21:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	723163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1105676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	994305	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	487332	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	365078	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
35) Dibromofluoromethane	5.51	113	347463	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	8.71	98	1247648	47.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.14	95	457341	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	146888	20.745	ug/l	97
3) Chloromethane	1.33	50	137712	18.926	ug/l	96
4) Vinyl Chloride	1.41	62	153197	19.562	ug/l	96
5) Bromomethane	1.64	94	112667	20.759	ug/l	99
6) Chloroethane	1.73	64	93995	19.575	ug/l	100
7) Trichlorofluoromethane	1.93	101	240432	20.001	ug/l	99
8) Diethyl Ether	2.19	74	91209	20.048	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	133526	19.534	ug/l	100
10) Methyl Iodide	2.51	142	199905	19.406	ug/l	100
11) Tert butyl alcohol	3.07	59	194059	96.121	ug/l	98
12) 1,1-Dichloroethene	2.38	96	128386	19.620	ug/l	93
13) Acrolein	2.29	56	90573	82.081	ug/l	99
14) Allyl chloride	2.73	41	238134	18.422	ug/l	99
15) Acrylonitrile	3.15	53	407068	96.623	ug/l	100
16) Acetone	2.45	43	343131	99.043	ug/l	98
17) Carbon Disulfide	2.57	76	378996	18.796	ug/l	100
18) Methyl Acetate	2.78	43	251426	21.701	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	453928	19.445	ug/l	100
20) Methylene Chloride	2.86	84	145560	19.742	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	133980	19.213	ug/l	99
22) Diisopropyl ether	3.87	45	399995	19.811	ug/l	98
23) Vinyl Acetate	3.82	43	1712890	99.467	ug/l	100
24) 1,1-Dichloroethane	3.70	63	231713	20.079	ug/l	99
25) 2-Butanone	4.70	43	493990	99.931	ug/l	99
26) 2,2-Dichloropropane	4.59	77	173365	16.278	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	157514	20.250	ug/l	97
28) Bromochloromethane	5.02	49	100122	19.863	ug/l	99
29) Tetrahydrofuran	5.15	42	341527	99.408	ug/l	98
30) Chloroform	5.22	83	247738	20.428	ug/l	100
31) Cyclohexane	5.57	56	211440	19.826	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	231311	20.046	ug/l	100
36) 1,1-Dichloropropene	5.80	75	178098	19.128	ug/l	99
37) Ethyl Acetate	4.85	43	197746	18.965	ug/l	98
38) Carbon Tetrachloride	5.78	117	210388	19.207	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120318\
 Data File : VX006265.D
 Acq On : 03 Dec 2018 20:31
 Operator : JC/MD
 Sample : VX1203WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1203WBSD01

Manual Integrations
 APPROVED

MMDadoda
 12/4/2018 9:58:55 AM

Quant Time: Dec 04 06:21:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231566	19.160	ug/l	98
40) Benzene	6.14	78	550239	19.731	ug/l	100
41) Methacrylonitrile	5.06	41	108400	18.893	ug/l	99
42) 1,2-Dichloroethane	6.20	62	180540	19.781	ug/l	99
43) Isopropyl Acetate	6.46	43	324500	18.666	ug/l	99
44) Trichloroethene	7.21	130	165693	19.613	ug/l	94
45) 1,2-Dichloropropane	7.52	63	136537	19.264	ug/l	98
46) Dibromomethane	7.66	93	99672	19.472	ug/l	98
47) Bromodichloromethane	7.90	83	195963	19.769	ug/l	98
48) Methyl methacrylate	7.77	41	159267	18.831	ug/l	97
49) 1,4-Dioxane	7.75	88	80650	386.907	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	965006	95.352	ug/l	99
52) Toluene	8.79	92	360197	19.633	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	208528	17.988	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	222796	18.508	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	146132	19.606	ug/l	99
56) Ethyl methacrylate	9.18	69	221696	19.026	ug/l	98
57) 1,3-Dichloropropane	9.37	76	233124	19.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	570064	96.410	ug/l	99
59) 2-Hexanone	9.49	43	734237	94.960	ug/l	100
60) Dibromochloromethane	9.59	129	175035	19.044	ug/l	100
61) 1,2-Dibromoethane	9.67	107	161206	19.343	ug/l	100
64) Tetrachloroethene	9.34	164	153665	20.521	ug/l	97
65) Chlorobenzene	10.14	112	417443	19.778	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	160489	19.570	ug/l	99
67) Ethyl Benzene	10.25	91	678953	19.341	ug/l	99
68) m/p-Xylenes	10.36	106	539616	38.374	ug/l	100
69) o-Xylene	10.70	106	266205	19.165	ug/l	99
70) Styrene	10.71	104	427569	19.033	ug/l	98
71) Bromoform	10.86	173	139653	18.040	ug/l #	100
73) Isopropylbenzene	11.02	105	701680	20.849	ug/l	100
74) N-amyl acetate	10.90	43	280715	19.370	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	224517	20.853	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	210654m	22.395	ug/l	
77) Bromobenzene	11.26	156	191211	20.473	ug/l	98
78) n-propylbenzene	11.36	91	755157	20.186	ug/l	100
79) 2-Chlorotoluene	11.42	91	453730	20.406	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	572425	20.443	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	70397	17.563	ug/l	93
82) 4-Chlorotoluene	11.51	91	522487	20.211	ug/l	100
83) tert-Butylbenzene	11.77	119	609222	20.391	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	592439	20.490	ug/l	99
85) sec-Butylbenzene	11.94	105	691513	20.345	ug/l	100
86) p-Isopropyltoluene	12.07	119	616195	20.133	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	334138	20.106	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	326390	19.350	ug/l	98
89) n-Butylbenzene	12.39	91	501192	19.192	ug/l	100
90) Hexachloroethane	12.60	117	123269	19.762	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	328272	19.903	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	53028	19.213	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX120318\
Data File : VX006265.D
Acq On : 03 Dec 2018 20:31
Operator : JC/MD
Sample : VX1203WBSD01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1203WBSD01

Manual Integrations
APPROVED

MMDadoda
12/4/2018 9:58:55 AM

Quant Time: Dec 04 06:21:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	230245	19.134	ug/l	99
94) Hexachlorobutadiene	13.78	225	104060	19.555	ug/l	98
95) Naphthalene	13.83	128	752721	20.110	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	229710	19.274	ug/l	99

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

