

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120618\
 Data File : VX006331.D
 Acq On : 06 Dec 2018 20:57
 Operator : JC/MD
 Sample : J6259-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306I-20181205MS

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 11:19:26 AM

Quant Time: Dec 07 06:12:12 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	659115	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	991611	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	900853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	471513	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	335377	49.84	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.68%		
35) Dibromofluoromethane	5.51	113	323502	50.39	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.78%		
50) Toluene-d8	8.71	98	1143423	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.92%		
62) 4-Bromofluorobenzene	11.13	95	429941	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery =	97.72%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	333036	51.604	ug/l	98
3) Chloromethane	1.33	50	312510	47.122	ug/l	99
4) Vinyl Chloride	1.41	62	346160	48.497	ug/l	98
5) Bromomethane	1.64	94	239019	48.319	ug/l	97
6) Chloroethane	1.71	64	215105	49.151	ug/l	99
7) Trichlorofluoromethane	1.93	101	535392	48.865	ug/l	98
8) Diethyl Ether	2.19	74	208157	50.198	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	308307	49.486	ug/l	99
10) Methyl Iodide	2.51	142	441872	47.063	ug/l	99
11) Tert butyl alcohol	3.07	59	453254	246.321	ug/l	100
12) 1,1-Dichloroethene	2.37	96	289293	48.506	ug/l	97
13) Acrolein	2.30	56	228637	227.335	ug/l	100
14) Allyl chloride	2.73	41	542885	46.080	ug/l	99
15) Acrylonitrile	3.15	53	945787	246.309	ug/l	100
16) Acetone	2.45	43	787868	249.511	ug/l	99
17) Carbon Disulfide	2.57	76	796701	43.351	ug/l	98
18) Methyl Acetate	2.78	43	498025	47.162	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1050870	49.392	ug/l	98
20) Methylene Chloride	2.85	84	328488	48.880	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	307481	48.379	ug/l	94
22) Diisopropyl ether	3.87	45	927366	50.395	ug/l	97
23) Vinyl Acetate	3.82	43	3553441	226.399	ug/l	100
24) 1,1-Dichloroethane	3.70	63	528903	50.285	ug/l	99
25) 2-Butanone	4.70	43	1141415	253.338	ug/l	97
26) 2,2-Dichloropropane	4.59	77	409815	42.218	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	368744	52.013	ug/l	96
28) Bromochloromethane	5.02	49	234412	51.023	ug/l	98
29) Tetrahydrofuran	5.15	42	770390	246.027	ug/l	98
30) Chloroform	5.21	83	563227	50.956	ug/l	97
31) Cyclohexane	5.57	56	458170	47.135	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	516253	49.088	ug/l	99
36) 1,1-Dichloropropene	5.80	75	401298	48.057	ug/l	99
37) Ethyl Acetate	4.85	43	412102	44.069	ug/l	99
38) Carbon Tetrachloride	5.78	117	471538	48.001	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120618\
 Data File : VX006331.D
 Acq On : 06 Dec 2018 20:57
 Operator : JC/MD
 Sample : J6259-06MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPS1-TT-MW306I-20181205MS

Manual Integrations
 APPROVED

MMDadoda
 12/7/2018 11:19:26 AM

Quant Time: Dec 07 06:12:12 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	515122	47.524	ug/l	97
40) Benzene	6.14	78	1238294	49.512	ug/l	100
41) Methacrylonitrile	5.06	41	242351	47.099	ug/l	98
42) 1,2-Dichloroethane	6.20	62	410171	50.110	ug/l	100
43) Isopropyl Acetate	6.46	43	698438	44.796	ug/l	99
44) Trichloroethene	7.21	130	396092	52.278	ug/l	97
45) 1,2-Dichloropropane	7.51	63	313451	49.313	ug/l	98
46) Dibromomethane	7.66	93	225061	49.025	ug/l	99
47) Bromodichloromethane	7.90	83	426942	48.025	ug/l	99
48) Methyl methacrylate	7.77	41	358039	47.203	ug/l	97
49) 1,4-Dioxane	7.75	88	187535	1003.161	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2204088	242.836	ug/l	99
52) Toluene	8.79	92	806152	48.994	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	474866	45.674	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	503206	46.610	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	338072	50.575	ug/l	99
56) Ethyl methacrylate	9.18	69	508254	48.636	ug/l	98
57) 1,3-Dichloropropane	9.37	76	536374	50.744	ug/l	100
59) 2-Hexanone	9.49	43	1636418	235.985	ug/l	98
60) Dibromochloromethane	9.59	129	395223	47.948	ug/l	100
61) 1,2-Dibromoethane	9.67	107	372052	49.777	ug/l	100
64) Tetrachloroethene	9.34	164	331190	48.818	ug/l	99
65) Chlorobenzene	10.14	112	960051	50.204	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	360680	48.544	ug/l	100
67) Ethyl Benzene	10.25	91	1557240	48.961	ug/l	100
68) m/p-Xylenes	10.36	106	1248929	98.029	ug/l	99
69) o-Xylene	10.70	106	614819	48.855	ug/l	100
70) Styrene	10.71	104	997295	48.998	ug/l	99
71) Bromoform	10.86	173	317061	45.205	ug/l #	100
73) Isopropylbenzene	11.02	105	1634585	50.199	ug/l	100
74) N-amyl acetate	10.90	43	589161	42.017	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	510500	49.005	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	475662m	52.265	ug/l	
77) Bromobenzene	11.26	156	443652	49.095	ug/l	99
78) n-propylbenzene	11.36	91	1793404	49.547	ug/l	99
79) 2-Chlorotoluene	11.42	91	1057654	49.163	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1346389	49.696	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	161491	41.641	ug/l	92
82) 4-Chlorotoluene	11.51	91	1214121	48.540	ug/l	99
83) tert-Butylbenzene	11.77	119	1435025	49.643	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1387057	49.581	ug/l	100
85) sec-Butylbenzene	11.94	105	1637676	49.799	ug/l	99
86) p-Isopropyltoluene	12.06	119	1477295	49.888	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	793240	49.333	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	788756	48.330	ug/l	100
89) n-Butylbenzene	12.39	91	1217344	48.180	ug/l	99
90) Hexachloroethane	12.60	117	277310	45.948	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	783588	49.103	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	118504	44.377	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	563274	48.381	ug/l	99

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120618\
Data File : VX006331.D
Acq On : 06 Dec 2018 20:57
Operator : JC/MD
Sample : J6259-06MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BPS1-TT-MW306I-20181205MS

Manual Integrations
APPROVED

MMDadoda
12/7/2018 11:19:26 AM

Quant Time: Dec 07 06:12:12 2018
Quant Method : Z:\V0ASRV\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)
94) Hexachlorobutadiene	13.78	225	249886	48.533	ug/l	99
95) Naphthalene	13.83	128	1793783	49.531	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	560790	48.631	ug/l	99

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

