

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100518\
 Data File : VX005109.D
 Acq On : 06 Oct 2018 11:19
 Operator : JC/MD
 Sample : J5259-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA18-EX3MSD

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:02:44 PM

Quant Time: Oct 08 07:55:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	215177	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	314129	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	174306	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	152895	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	
35) Dibromofluoromethane	5.51	113	136842	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	8.72	98	432288	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	
62) 4-Bromofluorobenzene	11.14	95	163207	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	135064	46.036	ug/l	94
3) Chloromethane	1.32	50	169608	47.649	ug/l	99
4) Vinyl Chloride	1.40	62	907930	271.960	ug/l	97
5) Bromomethane	1.64	94	111153	56.147	ug/l	95
6) Chloroethane	1.71	64	99751	55.063	ug/l	96
7) Trichlorofluoromethane	1.92	101	209013	50.572	ug/l	95
8) Diethyl Ether	2.19	74	88138	49.089	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110925	47.117	ug/l	97
10) Methyl Iodide	2.51	142	131655	41.790	ug/l	95
11) Tert butyl alcohol	3.07	59	213944	248.927	ug/l	99
12) 1,1-Dichloroethene	2.37	96	116434	49.939	ug/l	97
13) Acrolein	2.29	56	36492	59.676	ug/l	92
14) Allyl chloride	2.73	41	253652	49.861	ug/l	98
15) Acrylonitrile	3.15	53	490077	259.025	ug/l	96
16) Acetone	2.45	43	468536	261.089	ug/l	98
17) Carbon Disulfide	2.57	76	309777	44.216	ug/l	100
18) Methyl Acetate	2.78	43	234744	51.630	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	421539	52.416	ug/l	97
20) Methylene Chloride	2.85	84	149251	57.325	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	127051	49.780	ug/l #	78
22) Diisopropyl ether	3.86	45	467665	54.593	ug/l #	91
23) Vinyl Acetate	3.82	43	1453028	185.305	ug/l	99
24) 1,1-Dichloroethane	3.70	63	269765	52.792	ug/l	99
25) 2-Butanone	4.70	43	703420	265.921	ug/l	100
26) 2,2-Dichloropropane	4.59	77	97817	27.490	ug/l #	43
27) cis-1,2-Dichloroethene	4.59	96	867758	304.347	ug/l	93
28) Bromochloromethane	5.02	49	133814	55.609	ug/l	98
29) Tetrahydrofuran	5.16	42	455546	277.080	ug/l	99
30) Chloroform	5.22	83	246272	50.995	ug/l	93
31) Cyclohexane	5.57	56	196603	50.269	ug/l	89
32) 1,1,1-Trichloroethane	5.49	97	210819	53.452	ug/l	94
36) 1,1-Dichloropropene	5.80	75	168971	46.518	ug/l	95
37) Ethyl Acetate	4.86	43	184582	38.282	ug/l #	82
38) Carbon Tetrachloride	5.78	117	173795	45.517	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100518\
 Data File : VX005109.D
 Acq On : 06 Oct 2018 11:19
 Operator : JC/MD
 Sample : J5259-04MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 FA18-EX3MSD

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:02:44 PM

Quant Time: Oct 08 07:55:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	155164	41.834	ug/l #	85
40) Benzene	6.13	78	569647	50.093	ug/l	91
41) Methacrylonitrile	5.06	41	139278	52.087	ug/l	96
42) 1,2-Dichloroethane	6.20	62	191636	47.670	ug/l	98
43) Isopropyl Acetate	6.46	43	301062	43.261	ug/l	96
44) Trichloroethene	7.21	130	138751	49.633	ug/l	88
45) 1,2-Dichloropropane	7.52	63	132785	47.615	ug/l	98
46) Dibromomethane	7.66	93	85362	48.706	ug/l	99
47) Bromodichloromethane	7.90	83	167362	51.004	ug/l	98
48) Methyl methacrylate	7.78	41	167873	53.146	ug/l	98
49) 1,4-Dioxane	7.76	88	67353	858.283	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1146136	261.565	ug/l	99
52) Toluene	8.79	92	301649	48.275	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	168023	45.313	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	176298	45.392	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	129794	47.420	ug/l	97
56) Ethyl methacrylate	9.18	69	201764	45.688	ug/l	98
57) 1,3-Dichloropropane	9.37	76	215846	47.382	ug/l	98
59) 2-Hexanone	9.50	43	907225	248.454	ug/l	95
60) Dibromochloromethane	9.59	129	135152	49.374	ug/l	98
61) 1,2-Dibromoethane	9.68	107	131035	44.702	ug/l	95
64) Tetrachloroethene	9.34	164	127857	46.252	ug/l	96
65) Chlorobenzene	10.14	112	353899	49.137	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	127458	50.338	ug/l	99
67) Ethyl Benzene	10.26	91	576424	50.411	ug/l	97
68) m/p-Xylenes	10.36	106	449401	100.575	ug/l	95
69) o-Xylene	10.70	106	218353	53.203	ug/l	100
70) Styrene	10.71	104	368217	48.057	ug/l	100
71) Bromoform	10.86	173	110835	51.129	ug/l #	96
73) Isopropylbenzene	11.02	105	589139	53.623	ug/l	100
74) N-amyl acetate	10.90	43	215441	36.177	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	218941	48.954	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	196343m	50.256	ug/l	
77) Bromobenzene	11.26	156	160697	50.357	ug/l	99
78) n-propylbenzene	11.36	91	664653	52.725	ug/l	99
79) 2-Chlorotoluene	11.42	91	404372	51.463	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	498025	49.455	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	49180	34.956	ug/l	99
82) 4-Chlorotoluene	11.51	91	477319	51.609	ug/l	99
83) tert-Butylbenzene	11.77	119	503757	55.690	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	521505	50.220	ug/l	99
85) sec-Butylbenzene	11.94	105	584290	53.030	ug/l	100
86) p-Isopropyltoluene	12.07	119	524882	52.581	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	292932	49.159	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	297952	48.437	ug/l	99
89) n-Butylbenzene	12.39	91	448365	49.456	ug/l	99
90) Hexachloroethane	12.60	117	88810	53.434	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	303416	48.724	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	52566	53.530	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	225895	51.712	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100518\
Data File : VX005109.D
Acq On : 06 Oct 2018 11:19
Operator : JC/MD
Sample : J5259-04MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
FA18-EX3MSD

Manual Integrations
APPROVED

MMDadoda
10/8/2018 2:02:44 PM

Quant Time: Oct 08 07:55:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	101713	44.902	ug/l	99
95) Naphthalene	13.83	128	766031	52.793	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	235988	52.296	ug/l	100

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

