

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000744.D
 Acq On : 08 Apr 2018 20:44
 Operator : JC/MD
 Sample : J2190-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

Manual Integrations
 APPROVED

sam
 4/9/2018 2:03:31 PM

Quant Time: Apr 09 08:28:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	323506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	452481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	424315	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251717	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.08	65	170851	46.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.36%	
35) Dibromofluoromethane	5.51	113	146089	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	
50) Toluene-d8	8.73	98	535292	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
62) 4-Bromofluorobenzene	11.15	95	214941	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	131182	45.02	ug/l	100
3) Chloromethane	1.32	50	85556	36.55	ug/l	97
4) Vinyl Chloride	1.41	62	114170	43.37	ug/l	99
5) Bromomethane	1.64	94	33160	22.07	ug/l	100
6) Chloroethane	1.73	64	78498	48.59	ug/l	99
7) Trichlorofluoromethane	1.93	101	194271	45.06	ug/l	99
8) Diethyl Ether	2.19	74	75801	51.00	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	113358	44.90	ug/l	98
10) Methyl Iodide	2.51	142	25842	13.84	ug/l	98
11) Tert butyl alcohol	3.07	59	124746	198.16	ug/l	100
12) 1,1-Dichloroethene	2.38	96	106494	46.97	ug/l	95
13) Acrolein	2.30	56	67503	245.00	ug/l	98
14) Allyl chloride	2.73	41	203559	44.41	ug/l	98
15) Acrylonitrile	3.15	53	301162	228.25	ug/l	99
16) Acetone	2.45	43	243889	210.16	ug/l	98
17) Carbon Disulfide	2.57	76	250758	49.65	ug/l	100
18) Methyl Acetate	2.78	43	153727	44.62	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	402795	47.79	ug/l	99
20) Methylene Chloride	2.86	84	121129	48.62	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	114154	47.10	ug/l	97
22) Diisopropyl ether	3.88	45	420034	46.77	ug/l	97
23) Vinyl Acetate	3.83	43	1695542	222.93	ug/l	99
24) 1,1-Dichloroethane	3.70	63	230887	49.11	ug/l	98
25) 2-Butanone	4.71	43	437438	215.46	ug/l	97
26) 2,2-Dichloropropane	4.59	77	199354	41.66	ug/l	99
27) cis-1,2-Dichloroethene	4.61	96	144810	46.73	ug/l	96
28) Bromochloromethane	5.03	49	98187	53.00	ug/l	96
29) Tetrahydrofuran	5.17	42	280816	217.36	ug/l	99
30) Chloroform	5.23	83	243899	47.72	ug/l	98
31) Cyclohexane	5.59	56	179999	48.23	ug/l	99
32) 1,1,1-Trichloroethane	5.51	97	229208	47.06	ug/l	99
36) 1,1-Dichloropropene	5.81	75	173258	44.71	ug/l	99
37) Ethyl Acetate	4.87	43	170115	40.67	ug/l	98
38) Carbon Tetrachloride	5.79	117	207078	45.60	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000744.D
 Acq On : 08 Apr 2018 20:44
 Operator : JC/MD
 Sample : J2190-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

Manual Integrations
 APPROVED

sam
 4/9/2018 2:03:31 PM

Quant Time: Apr 09 08:28:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	191313	46.52	ug/l	97
40) Benzene	6.15	78	507761	46.58	ug/l	100
41) Methacrylonitrile	5.07	41	105535	43.55	ug/l	99
42) 1,2-Dichloroethane	6.21	62	195525	45.48	ug/l	98
43) Isopropyl Acetate	6.48	43	309135	42.44	ug/l	99
44) Trichloroethene	7.22	130	157014	47.40	ug/l	99
45) 1,2-Dichloropropane	7.52	63	134252	45.93	ug/l	98
46) Dibromomethane	7.67	93	93387	46.04	ug/l	98
47) Bromodichloromethane	7.91	83	196250	46.76	ug/l	99
48) Methyl methacrylate	7.79	41	163083	44.50	ug/l	98
49) 1,4-Dioxane	7.76	88	54879	754.46	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	926745	219.58	ug/l	99
52) Toluene	8.79	92	337400	46.43	ug/l	99
53) t-1,3-Dichloropropene	8.45	75	225412	45.13	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	222129	44.79	ug/l	97
55) 1,1,2-Trichloroethane	9.23	97	140022	47.37	ug/l	99
56) Ethyl methacrylate	9.19	69	215389	45.69	ug/l	98
57) 1,3-Dichloropropane	9.38	76	223799	46.28	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.26	63	2152	0.97	ug/l #	45
59) 2-Hexanone	9.51	43	689182	213.96	ug/l	99
60) Dibromochloromethane	9.59	129	175413	47.57	ug/l	100
61) 1,2-Dibromoethane	9.68	107	144884	45.64	ug/l	100
64) Tetrachloroethene	9.34	164	147544	44.35	ug/l	99
65) Chlorobenzene	10.15	112	404923	46.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	159534	46.78	ug/l	100
67) Ethyl Benzene	10.26	91	669299	45.69	ug/l	98
68) m/p-Xylenes	10.37	106	529526	92.39	ug/l	100
69) o-Xylene	10.71	106	257998	45.87	ug/l	100
70) Styrene	10.72	104	438604	46.16	ug/l	99
71) Bromoform	10.87	173	150159	46.51	ug/l #	99
73) Isopropylbenzene	11.02	105	700916	46.58	ug/l	100
74) N-amyl acetate	6.48	43	309135	42.21	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	206891	46.26	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	187930m	43.88	ug/l	
77) Bromobenzene	11.26	156	206176	48.31	ug/l	97
78) n-propylbenzene	11.37	91	789065	45.70	ug/l	100
79) 2-Chlorotoluene	11.43	91	469757	45.62	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	593075	45.50	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	64601	39.27	ug/l	94
82) 4-Chlorotoluene	11.52	91	563943	45.71	ug/l	99
83) tert-Butylbenzene	11.78	119	630768	47.21	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	619158	45.88	ug/l	100
85) sec-Butylbenzene	11.95	105	719207	46.00	ug/l	99
86) p-Isopropyltoluene	12.07	119	668025	45.70	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	376323	47.06	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	381358	46.53	ug/l	100
89) n-Butylbenzene	12.40	91	571788	43.79	ug/l	100
90) Hexachloroethane	12.60	117	119882	45.16	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	368707	47.24	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49340	41.97	ug/l	94

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
Data File : VX000744.D
Acq On : 08 Apr 2018 20:44
Operator : JC/MD
Sample : J2190-05MSD
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MW-19-040218MSD

Manual Integrations
APPROVED

sam
4/9/2018 2:03:31 PM

Quant Time: Apr 09 08:28:16 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
Quant Title : SW846 8260
QLast Update : Sat Apr 07 17:01:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	307993	46.37	ug/l	99
94) Hexachlorobutadiene	13.79	225	142540	43.58	ug/l	99
95) Naphthalene	13.84	128	813964	46.81	ug/l	100
96) 1,2,3-Trichlorobenzene	14.03	180	304372	47.50	ug/l	99

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

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX040818\
 Data File : VX000744.D
 Acq On : 08 Apr 2018 20:44
 Operator : JC/MD
 Sample : J2190-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-19-040218MSD

Manual Integrations
 APPROVED

sam
 4/9/2018 2:03:31 PM

Quant Time: Apr 09 08:28:16 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X040718W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 07 17:01:21 2018
 Response via : Initial Calibration

