

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001655.D
 Acq On : 11 May 2018 22:22
 Operator : JC/MD
 Sample : J2741-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

Manual Integrations
 APPROVED

apatel
 5/14/2018 3:58:26 PM

Quant Time: May 12 07:26:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	224552	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	293588	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196006	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	151938	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	5.51	113	129155	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	8.72	98	449490	47.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.32%	
62) 4-Bromofluorobenzene	11.14	95	168611	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	145593	48.16	ug/l	100
3) Chloromethane	1.32	50	142166	48.29	ug/l	98
4) Vinyl Chloride	1.40	62	410288	133.54	ug/l	100
5) Bromomethane	1.64	94	65184	46.08	ug/l	97
6) Chloroethane	1.72	64	104491	51.45	ug/l	96
7) Trichlorofluoromethane	1.93	101	237973	51.46	ug/l	99
8) Diethyl Ether	2.19	74	95988	52.96	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	138280	51.01	ug/l	100
10) Methyl Iodide	2.51	142	156230	39.94	ug/l	99
11) Tert butyl alcohol	3.09	59	163305	239.98	ug/l	98
12) 1,1-Dichloroethene	2.37	96	135144	54.39	ug/l	99
13) Acrolein	2.30	56	23694	173.04	ug/l	97
14) Allyl chloride	2.73	41	244130	52.69	ug/l	98
15) Acrylonitrile	3.15	53	414277	269.41	ug/l	99
16) Acetone	2.45	43	349495	238.47	ug/l	99
17) Carbon Disulfide	2.57	76	302426	47.83	ug/l	99
18) Methyl Acetate	2.78	43	219746	57.07	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	466868	53.97	ug/l	98
20) Methylene Chloride	2.86	84	147967	50.99	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	143341	51.69	ug/l	98
22) Diisopropyl ether	3.88	45	468687	54.15	ug/l	100
23) Vinyl Acetate	3.83	43	1863262	258.29	ug/l	100
24) 1,1-Dichloroethane	3.70	63	275055	56.88	ug/l	99
25) 2-Butanone	4.72	43	549423	259.35	ug/l	99
26) 2,2-Dichloropropane	4.59	77	174760	46.80	ug/l	# 1
27) cis-1,2-Dichloroethene	4.60	96	2758213	933.95	ug/l	86
28) Bromochloromethane	5.03	49	115280	54.99	ug/l	99
29) Tetrahydrofuran	5.18	42	357933	264.07	ug/l	100
30) Chloroform	5.22	83	278010	55.82	ug/l	99
31) Cyclohexane	5.58	56	212822	51.25	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	247536	56.86	ug/l	99
36) 1,1-Dichloropropene	5.81	75	191425	51.26	ug/l	100
37) Ethyl Acetate	4.87	43	204003	49.83	ug/l	# 81
38) Carbon Tetrachloride	5.79	117	220816	55.44	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
 Data File : VX001655.D
 Acq On : 11 May 2018 22:22
 Operator : JC/MD
 Sample : J2741-08MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 J2741-07MSMS

Manual Integrations
 APPROVED

apatel
 5/14/2018 3:58:26 PM

Quant Time: May 12 07:26:58 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	217512	49.26	ug/l	98
40) Benzene	6.15	78	589915	54.08	ug/l	99
41) Methacrylonitrile	5.07	41	125925	53.76	ug/l	99
42) 1,2-Dichloroethane	6.21	62	228384	54.47	ug/l	100
43) Isopropyl Acetate	6.48	43	335310	53.36	ug/l	99
44) Trichloroethene	7.22	130	181810	54.53	ug/l	100
45) 1,2-Dichloropropane	7.52	63	151188	55.60	ug/l	99
46) Dibromomethane	7.67	93	105273	54.68	ug/l	99
47) Bromodichloromethane	7.90	83	207327	58.19	ug/l	99
48) Methyl methacrylate	7.79	41	186308	54.45	ug/l	99
49) 1,4-Dioxane	7.76	88	71501	967.14	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	1165569	279.11	ug/l	100
52) Toluene	8.79	92	390223	54.71	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	223178	55.43	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	211767	50.83	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	158018	54.99	ug/l	97
56) Ethyl methacrylate	9.19	69	227373	54.89	ug/l	99
57) 1,3-Dichloropropane	9.38	76	258927	54.50	ug/l	100
59) 2-Hexanone	9.51	43	851678	266.33	ug/l	100
60) Dibromochloromethane	9.59	129	170445	57.92	ug/l	99
61) 1,2-Dibromoethane	9.68	107	164802	54.62	ug/l	100
64) Tetrachloroethene	9.34	164	202437	52.75	ug/l	98
65) Chlorobenzene	10.15	112	436288	54.03	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	167728	58.07	ug/l	100
67) Ethyl Benzene	10.26	91	718827	54.31	ug/l	100
68) m/p-Xylenes	10.37	106	574552	109.86	ug/l	98
69) o-Xylene	10.70	106	280453	55.18	ug/l	100
70) Styrene	10.72	104	464173	56.21	ug/l	99
71) Bromoform	10.87	173	138487	49.86	ug/l	100
73) Isopropylbenzene	11.02	105	751548	55.39	ug/l	100
74) N-amyl acetate	6.48	43	335310	54.41	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	229984	57.39	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	216366m	54.43	ug/l	
77) Bromobenzene	11.26	156	213442	54.11	ug/l	99
78) n-propylbenzene	11.37	91	826827	55.96	ug/l	99
79) 2-Chlorotoluene	11.43	91	496009	54.55	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	623356	55.18	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	58878	47.46	ug/l	99
82) 4-Chlorotoluene	11.52	91	571965	54.53	ug/l	99
83) tert-Butylbenzene	11.77	119	642341	57.14	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	646734	55.70	ug/l	100
85) sec-Butylbenzene	11.95	105	754630	55.93	ug/l	99
86) p-Isopropyltoluene	12.07	119	694161	56.08	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	379249	53.78	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	386927	53.80	ug/l	99
89) n-Butylbenzene	12.40	91	552585	53.88	ug/l	100
90) Hexachloroethane	12.60	117	111842	60.01	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	390575	54.44	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51690	58.71	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	287074	54.68	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051118\
Data File : VX001655.D
Acq On : 11 May 2018 22:22
Operator : JC/MD
Sample : J2741-08MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
J2741-07MSMS

Manual Integrations
APPROVED

apatel
5/14/2018 3:58:26 PM

Quant Time: May 12 07:26:58 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	150855	52.52	ug/l	100
95) Naphthalene	13.84	128	839842	57.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	301769	56.02	ug/l	100

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

