

Data File : VX001044.D
Acq On : 21 Apr 2018 07:06
Operator : JC/MD
Sample : J2377-06MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF014MW005-180412MS

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:47 PM

Quant Time: Apr 23 00:57:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	214146	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304812	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	299550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	206697	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	134202	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	
35) Dibromofluoromethane	5.51	113	110849	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	8.72	98	399046	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	
62) 4-Bromofluorobenzene	11.14	95	167577	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	137278	51.69	ug/l	98
3) Chloromethane	1.32	50	118983	48.11	ug/l	99
4) Vinyl Chloride	1.41	62	128349	50.07	ug/l	99
5) Bromomethane	1.65	94	85699	59.60	ug/l	99
6) Chloroethane	1.73	64	76487	50.22	ug/l	99
7) Trichlorofluoromethane	1.93	101	197848	51.38	ug/l	98
8) Diethyl Ether	2.19	74	71521	50.28	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	106661	47.27	ug/l	99
10) Methyl Iodide	2.52	142	74415	35.94	ug/l	100
11) Tert butyl alcohol	3.06	59	107245	261.96	ug/l	100
12) 1,1-Dichloroethene	2.38	96	104365	50.02	ug/l	97
13) Acrolein	2.30	56	36954	288.00	ug/l	99
14) Allyl chloride	2.73	41	187644	49.69	ug/l	98
15) Acrylonitrile	3.15	53	277358	250.33	ug/l	99
16) Acetone	2.45	43	233815	228.74	ug/l	100
17) Carbon Disulfide	2.57	76	273986	46.08	ug/l	99
18) Methyl Acetate	2.78	43	160780	51.98	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	362594	51.69	ug/l	100
20) Methylene Chloride	2.87	84	114921	53.45	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	113462	48.85	ug/l	98
22) Diisopropyl ether	3.88	45	380861	52.11	ug/l	99
23) Vinyl Acetate	3.83	43	1406837	232.48	ug/l	99
24) 1,1-Dichloroethane	3.70	63	206843	50.45	ug/l	100
25) 2-Butanone	4.71	43	393934	246.87	ug/l	99
26) 2,2-Dichloropropane	4.59	77	137085	38.87	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	130970	50.62	ug/l	97
28) Bromochloromethane	5.03	49	86473	54.84	ug/l	99
29) Tetrahydrofuran	5.17	42	256093	253.97	ug/l	100
30) Chloroform	5.23	83	220829	52.01	ug/l	100
31) Cyclohexane	5.59	56	182780	47.76	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	197930	51.99	ug/l	99
36) 1,1-Dichloropropene	5.81	75	166532	46.49	ug/l	99
37) Ethyl Acetate	4.87	43	145022	44.14	ug/l	100
38) Carbon Tetrachloride	5.79	117	174370	48.08	ug/l	99

Data File : VX001044.D

Acq On : 21 Apr 2018 07:06

Operator : JC/MD

Sample : J2377-06MS

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 48 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

LF014MW005-180412MS

Manual Integrations

APPROVED

MMDadoda

4/23/2018 1:27:47 PM

Quant Time: Apr 23 00:57:46 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	180991	43.41	ug/l	99
40) Benzene	6.15	78	479550	48.16	ug/l	98
41) Methacrylonitrile	5.07	41	95476	46.53	ug/l	99
42) 1,2-Dichloroethane	6.20	62	185645	48.57	ug/l	100
43) Isopropyl Acetate	6.47	43	259387	46.01	ug/l	99
44) Trichloroethene	7.22	130	141819	46.61	ug/l	98
45) 1,2-Dichloropropane	7.52	63	123336	49.25	ug/l	98
46) Dibromomethane	7.67	93	85522	48.88	ug/l	99
47) Bromodichloromethane	7.91	83	163270	50.37	ug/l	98
48) Methyl methacrylate	7.79	41	147378	48.55	ug/l	98
49) 1,4-Dioxane	7.76	88	43744	980.04	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	856395	250.21	ug/l	100
52) Toluene	8.79	92	314952	48.46	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	186560	48.13	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	178122	48.73	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	126052	48.79	ug/l	99
56) Ethyl methacrylate	9.19	69	188222	49.60	ug/l	98
57) 1,3-Dichloropropane	9.38	76	207827	48.56	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.27	63	1172	0.63	ug/l #	45
59) 2-Hexanone	9.51	43	635060	242.41	ug/l	99
60) Dibromochloromethane	9.59	129	138179	50.93	ug/l	99
61) 1,2-Dibromoethane	9.68	107	136199	49.96	ug/l	98
64) Tetrachloroethene	9.34	164	139450	43.84	ug/l	99
65) Chlorobenzene	10.15	112	373108	46.78	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	134428	49.10	ug/l	99
67) Ethyl Benzene	10.26	91	622894	47.03	ug/l	99
68) m/p-Xylenes	10.37	106	488271	93.53	ug/l	99
69) o-Xylene	10.71	106	238616	47.41	ug/l	100
70) Styrene	10.72	104	399099	48.15	ug/l	100
71) Bromoform	10.87	173	111085	43.93	ug/l	99
73) Isopropylbenzene	11.02	105	637675	47.19	ug/l	100
74) N-amyl acetate	6.47	43	259387	44.87	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	187996	49.14	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	174171m	48.57	ug/l	
77) Bromobenzene	11.26	156	184396	47.01	ug/l	98
78) n-propylbenzene	11.37	91	722194	46.55	ug/l	100
79) 2-Chlorotoluene	11.43	91	432153	47.14	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	544509	47.54	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	44285	38.68	ug/l	95
82) 4-Chlorotoluene	11.52	91	518043	46.77	ug/l	99
83) tert-Butylbenzene	11.77	119	559623	48.43	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	563723	47.82	ug/l	99
85) sec-Butylbenzene	11.95	105	637243	46.20	ug/l	100
86) p-Isopropyltoluene	12.07	119	587685	46.06	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	338344	46.08	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	349346	46.35	ug/l	99
89) n-Butylbenzene	12.39	91	493072	43.43	ug/l	100
90) Hexachloroethane	12.60	117	88905	49.17	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	336441	47.33	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40226	50.20	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042018\
Quantitation Report (QT Reviewed)

Data File : VX001044.D
Acq On : 21 Apr 2018 07:06
Operator : JC/MD
Sample : J2377-06MS
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 48 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF014MW005-180412MS

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:47 PM

Quant Time: Apr 23 00:57:46 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	262363	43.97	ug/l	100
94) Hexachlorobutadiene	13.79	225	105838	39.20	ug/l	100
95) Naphthalene	13.84	128	707505	48.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260699	45.17	ug/l	100

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

MMDadoda
4/23/2018 1:27:47 PM

[illegible]