

Data File : VX001045.D
Acq On : 21 Apr 2018 07:32
Operator : JC/MD
Sample : J2377-07MSD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF014MW005-180412MSD

Manual Integrations
APPROVED

MMDadoda
4/23/2018 1:27:48 PM

Quant Time: Apr 23 00:58:58 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	223416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	303279	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	295488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	205995	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	139157	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
35) Dibromofluoromethane	5.51	113	115013	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
50) Toluene-d8	8.72	98	411738	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
62) 4-Bromofluorobenzene	11.14	95	173329	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.20	85	150905	54.46	ug/l 99
3) Chloromethane	1.32	50	120703	46.78	ug/l 98
4) Vinyl Chloride	1.41	62	134885	50.44	ug/l 99
5) Bromomethane	1.65	94	90011	60.07	ug/l 100
6) Chloroethane	1.73	64	79468	50.01	ug/l 98
7) Trichlorofluoromethane	1.93	101	205828	51.23	ug/l 98
8) Diethyl Ether	2.19	74	73925	49.82	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	115203	48.94	ug/l 98
10) Methyl Iodide	2.52	142	101506	44.65	ug/l 99
11) Tert butyl alcohol	3.06	59	104190	243.94	ug/l 99
12) 1,1-Dichloroethene	2.38	96	107880	49.56	ug/l 97
13) Acrolein	2.29	56	38402	286.91	ug/l 100
14) Allyl chloride	2.73	41	193215	49.05	ug/l 98
15) Acrylonitrile	3.15	53	282519	244.41	ug/l 100
16) Acetone	2.45	43	233652	219.10	ug/l 100
17) Carbon Disulfide	2.57	76	295897	47.70	ug/l 100
18) Methyl Acetate	2.78	43	165619	51.32	ug/l 100
19) Methyl tert-butyl Ether	3.21	73	373760	51.07	ug/l 99
20) Methylene Chloride	2.86	84	117105	52.17	ug/l 96
21) trans-1,2-Dichloroethene	3.17	96	117204	48.37	ug/l 99
22) Diisopropyl ether	3.88	45	394558	51.74	ug/l 98
23) Vinyl Acetate	3.83	43	1492101	236.34	ug/l 99
24) 1,1-Dichloroethane	3.70	63	212533	49.69	ug/l 100
25) 2-Butanone	4.71	43	392710	235.90	ug/l 100
26) 2,2-Dichloropropane	4.59	77	142415	38.70	ug/l 99
27) cis-1,2-Dichloroethene	4.60	96	135024	50.02	ug/l 97
28) Bromochloromethane	5.03	49	88339	53.70	ug/l 99
29) Tetrahydrofuran	5.17	42	256466	243.79	ug/l 100
30) Chloroform	5.23	83	227432	51.34	ug/l 99
31) Cyclohexane	5.59	56	193900	48.56	ug/l 99
32) 1,1,1-Trichloroethane	5.51	97	203721	51.29	ug/l 99
36) 1,1-Dichloropropene	5.81	75	171737	48.19	ug/l 100
37) Ethyl Acetate	4.87	43	149545	45.74	ug/l 100
38) Carbon Tetrachloride	5.79	117	181484	50.29	ug/l 99

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Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 49 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

LF014MW005-180412MSD

Manual Integrations

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Quant Time: Apr 23 00:58:58 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	195237	47.06	ug/l	99
40) Benzene	6.15	78	498137	50.27	ug/l	99
41) Methacrylonitrile	5.07	41	96463	47.25	ug/l	100
42) 1,2-Dichloroethane	6.21	62	191368	50.32	ug/l	99
43) Isopropyl Acetate	6.47	43	267358	47.67	ug/l	99
44) Trichloroethene	7.22	130	149127	49.26	ug/l	99
45) 1,2-Dichloropropane	7.52	63	127908	51.34	ug/l	99
46) Dibromomethane	7.67	93	87952	50.52	ug/l	100
47) Bromodichloromethane	7.91	83	168229	52.17	ug/l	99
48) Methyl methacrylate	7.78	41	149115	49.38	ug/l	99
49) 1,4-Dioxane	7.76	88	42328	953.11	ug/l	98
51) 4-Methyl-2-Pentanone	8.66	43	859831	252.49	ug/l	99
52) Toluene	8.79	92	325086	50.27	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	193371	50.14	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	184587	50.76	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	130520	50.78	ug/l	97
56) Ethyl methacrylate	9.19	69	193581	51.27	ug/l	99
57) 1,3-Dichloropropane	9.38	76	212545	49.91	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.27	63	1193	0.65	ug/l #	45
59) 2-Hexanone	9.50	43	637679	244.64	ug/l	99
60) Dibromochloromethane	9.59	129	144704	53.60	ug/l	100
61) 1,2-Dibromoethane	9.68	107	138054	50.89	ug/l	99
64) Tetrachloroethene	9.34	164	145055	46.23	ug/l	99
65) Chlorobenzene	10.15	112	382960	48.67	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	138569	51.31	ug/l	99
67) Ethyl Benzene	10.26	91	641129	49.07	ug/l	99
68) m/p-Xylenes	10.37	106	506824	98.42	ug/l	99
69) o-Xylene	10.71	106	244454	49.24	ug/l	99
70) Styrene	10.72	104	411188	50.29	ug/l	100
71) Bromoform	10.87	173	115171	46.04	ug/l	100
73) Isopropylbenzene	11.02	105	658466	48.89	ug/l	99
74) N-amyl acetate	6.47	43	267358	46.41	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	191675	50.28	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	174444m	48.81	ug/l	
77) Bromobenzene	11.26	156	191438	48.97	ug/l	99
78) n-propylbenzene	11.37	91	752974	48.70	ug/l	100
79) 2-Chlorotoluene	11.43	91	446499	48.87	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	565763	49.56	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	46484	40.57	ug/l	97
82) 4-Chlorotoluene	11.52	91	541819	49.08	ug/l	99
83) tert-Butylbenzene	11.77	119	578581	50.24	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	580736	49.43	ug/l	99
85) sec-Butylbenzene	11.95	105	666881	48.51	ug/l	100
86) p-Isopropyltoluene	12.07	119	614230	48.30	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	355509	48.58	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	360044	47.93	ug/l	100
89) n-Butylbenzene	12.40	91	531598	46.99	ug/l	100
90) Hexachloroethane	12.60	117	91863	50.98	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	348732	49.22	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	40283	50.44	ug/l	97

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

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 49 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LF014MW005-180412MSD

Manual Integrations
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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	278051	46.75	ug/l	100
94) Hexachlorobutadiene	13.79	225	111833	41.56	ug/l	99
95) Naphthalene	13.84	128	718138	49.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	269746	46.89	ug/l	99

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

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