

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\
 Data File : VL032032.D
 Acq On : 1 Jun 2018 22:14
 Operator : SY/AP
 Sample : J3193-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA1-052518

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 3:35:48 PM

Quant Time: Jun 03 13:54:57 2018
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 01 02:31:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.87	49	1131199	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.40	114	2162639	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.37	117	2137684	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.71	95	1716368	10.39	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.15	85	26459m	0.19	ppbv	
3) Chlorodifluoromethane	3.09	51	53460m	0.50	ppbv	
4) Chloromethane	3.24	50	30856	0.57	ppbv	93
10) Heptane	8.37	43	80109	0.65	ppbv	91
11) Trichlorofluoromethane	4.09	101	44072	0.21	ppbv #	76
13) Ethanol	3.81	45	38500826m	2834.71	ppbv	
15) Acetone	3.98	43	1391762	10.20	ppbv #	88
19) Isopropyl Alcohol	4.21	45	2488265m	27.55	ppbv	
20) Methylene Chloride	4.50	84	133265	2.15	ppbv	98
25) Ethyl Acetate	5.87	43	536783	1.99	ppbv #	96
26) Hexane	5.88	57	352794	2.81	ppbv #	76
29) Chloroform	5.95	83	54694	0.26	ppbv	97
34) 2-Butanone	5.43	43	83679	0.49	ppbv	100
35) Carbon Tetrachloride	7.25	117	15034m	0.08	ppbv	
36) Benzene	7.12	78	138607	0.73	ppbv	94
44) 2,2,4-Trimethylpentane	8.11	57	487733	1.50	ppbv #	88
52) Tetrachloroethene	11.50	164	9017m	0.12	ppbv	
53) Toluene	10.07	91	1125642	5.29	ppbv	99
58) Ethyl Benzene	12.99	91	63858m	0.21	ppbv	
59) m/p-Xylene	13.24	91	168380m	0.64	ppbv	
60) o-Xylene	13.97	91	68594	0.26	ppbv	98
61) Styrene	13.82	104	31434	0.62	ppbv #	86
73) 1,3,5-Trimethylbenzene	16.28	105	45990	0.19	ppbv	89
74) 1,2,4-Trimethylbenzene	17.05	105	128458	0.47	ppbv #	74

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

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