

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\
 Data File : VL032035.D
 Acq On : 2 Jun 2018 00:14
 Operator : SY/AP
 Sample : J3193-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA1-DUP-052518

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 3:35:51 PM

Quant Time: Jun 03 13:57:55 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	5.86	49	1197473	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.40	114	2342666	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.37	117	2279041	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.70	95	1771896	10.07	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.70%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.14	85	67337	0.47	ppbv	91
3) Chlorodifluoromethane	3.08	51	60698m	0.54	ppbv	
4) Chloromethane	3.24	50	34639	0.61	ppbv	92
10) Heptane	8.37	43	192540m	1.48	ppbv	
11) Trichlorofluoromethane	4.09	101	44135	0.20	ppbv	99
13) Ethanol	3.77	45	28563255m	1986.64	ppbv	
15) Acetone	3.98	43	1789006	12.39	ppbv	95
19) Isopropyl Alcohol	4.19	45	2906698m	30.40	ppbv	
20) Methylene Chloride	4.50	84	127043	1.94	ppbv	98
25) Ethyl Acetate	5.87	43	921435	3.22	ppbv #	97
26) Hexane	5.88	57	628245	4.73	ppbv #	75
27) Carbon Disulfide	4.72	76	24790	0.14	ppbv #	52
29) Chloroform	5.95	83	105133m	0.47	ppbv	
30) Cyclohexane	7.36	84	38307m	0.49	ppbv	
34) 2-Butanone	5.43	43	134403	0.73	ppbv	96
35) Carbon Tetrachloride	7.24	117	14192m	0.07	ppbv	
36) Benzene	7.11	78	208995	1.02	ppbv	98
44) 2,2,4-Trimethylpentane	8.10	57	1198078	3.40	ppbv	93
52) Tetrachloroethene	11.49	164	10687m	0.13	ppbv	
53) Toluene	10.07	91	2426271	10.54	ppbv	98
58) Ethyl Benzene	12.99	91	147401	0.46	ppbv	98
59) m/p-Xylene	13.24	91	450052	1.60	ppbv	99
60) o-Xylene	13.97	91	187707m	0.67	ppbv	
61) Styrene	13.81	104	52517m	0.96	ppbv	
72) 4-Ethyltoluene	16.12	105	55126	0.20	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.28	105	70245m	0.27	ppbv	
74) 1,2,4-Trimethylbenzene	17.05	105	200504m	0.69	ppbv	

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

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