

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\
 Data File : VL032033.D
 Acq On : 1 Jun 2018 22:55
 Operator : SY/AP
 Sample : J3193-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA1-052518DUP

Manual Integrations
 APPROVED

MMDadoda
 6/4/2018 3:35:50 PM

Quant Time: Jun 03 13:56:26 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	1283787	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.40	114	2349717	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.37	117	2231379	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.70	95	1782147	10.34	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.15	85	30266	0.20	ppbv	98
3) Chlorodifluoromethane	3.08	51	58623m	0.49	ppbv	
4) Chloromethane	3.24	50	34542	0.56	ppbv #	87
10) Heptane	8.36	43	93732	0.67	ppbv	99
11) Trichlorofluoromethane	4.09	101	43345	0.18	ppbv	89
13) Ethanol	3.79	45	36859482m	2391.30	ppbv	
15) Acetone	3.98	43	1458232	9.42	ppbv #	88
19) Isopropyl Alcohol	4.19	45	2973973m	29.02	ppbv	
20) Methylene Chloride	4.50	84	139508	1.98	ppbv	97
25) Ethyl Acetate	5.88	43	614150	2.00	ppbv #	97
26) Hexane	5.88	57	398513	2.80	ppbv #	77
29) Chloroform	5.95	83	63003m	0.26	ppbv	
34) 2-Butanone	5.43	43	121988m	0.66	ppbv	
35) Carbon Tetrachloride	7.25	117	14057m	0.07	ppbv	
36) Benzene	7.12	78	154739	0.75	ppbv	98
44) 2,2,4-Trimethylpentane	8.11	57	540129	1.53	ppbv	90
52) Tetrachloroethene	11.50	164	9234m	0.11	ppbv	
53) Toluene	10.07	91	1186115	5.14	ppbv	99
58) Ethyl Benzene	12.99	91	71787m	0.23	ppbv	
59) m/p-Xylene	13.24	91	187830m	0.68	ppbv	
60) o-Xylene	13.97	91	76976	0.28	ppbv	97
61) Styrene	13.82	104	38097m	0.71	ppbv	
73) 1,3,5-Trimethylbenzene	16.28	105	44995	0.18	ppbv	99
74) 1,2,4-Trimethylbenzene	17.05	105	131429	0.46	ppbv #	71

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

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL060118\
Data File : VL032033.D
Acq On : 1 Jun 2018 22:55
Operator : SY/AP
Sample : J3193-01DUP
Misc : 400ml/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
LIHA-IA1-052518DUP

Manual Integrations
APPROVED

MMDadoda
6/4/2018 3:35:50 PM

Quant Time: Jun 03 13:56:26 2018
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL053118AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun
QLast Update : Fri Jun 01 02:31:35 2018
Response via : Initial Calibration

