

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110718\
 Data File : VL032716.D
 Acq On : 7 Nov 2018 14:20
 Operator : SY/AP
 Sample : J5809-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA-DUP-110118

Manual Integrations
 APPROVED

MMDadoda
 11/12/2018 12:30:03 PM

Quant Time: Nov 12 00:26:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL101818AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 25 2018
 QLast Update : Thu Oct 25 05:15:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	1432747	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.30	114	3505999	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.25	117	3312008	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.59	95	2511732	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	41370	0.283	ppbv	98
3) Chlorodifluoromethane	3.02	51	48034m	0.429	ppbv	
4) Chloromethane	3.17	50	34834	0.556	ppbv #	88
9) Propene	3.06	41	81195m	1.761	ppbv	
10) Heptane	8.26	43	62320m	0.351	ppbv	
11) Trichlorofluoromethane	4.01	101	44459m	0.233	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.56	101	14248	0.090	ppbv	100
13) Ethanol	3.68	45	13106590	994.495	ppbv	99
15) Acetone	3.91	43	1694363	12.807	ppbv	93
17) tert-Butyl alcohol	4.40	59	145243m	3.733	ppbv	
19) Isopropyl Alcohol	4.07	45	1254210	13.311	ppbv #	97
20) Methylene Chloride	4.42	84	38358	0.571	ppbv	95
26) Hexane	5.79	57	75380	0.523	ppbv #	22
29) Chloroform	5.86	83	36311	0.158	ppbv	93
34) 2-Butanone	5.34	43	131270	0.698	ppbv	100
35) Carbon Tetrachloride	7.14	117	19817m	0.080	ppbv	
36) Benzene	7.01	78	115818	0.407	ppbv	95
44) 2,2,4-Trimethylpentane	8.00	57	137534	0.283	ppbv #	70
52) Tetrachloroethene	11.38	164	17730m	0.179	ppbv	
53) Toluene	9.96	91	1048595	3.213	ppbv	98
58) Ethyl Benzene	12.88	91	68101m	0.177	ppbv	
59) m/p-Xylene	13.13	91	206087	0.601	ppbv	100
60) o-Xylene	13.87	91	73034m	0.221	ppbv	
61) Styrene	13.70	104	26822m	0.121	ppbv	
74) 1,2,4-Trimethylbenzene	16.94	105	129207	0.353	ppbv #	74

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

