

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040419\
 Data File : VL033548.D
 Acq On : 5 Apr 2019 00:53
 Operator : SY/AP
 Sample : K2211-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 LIHA-IA2-DUP

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:22:26 AM

Quant Time: Apr 05 03:30:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 2
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	962710	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1961368	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	2375404	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	1988414	10.68	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	75399	0.537	ppbv	90
3) Chlorodifluoromethane	3.01	51	33958m	0.306	ppbv	
4) Chloromethane	3.17	50	27187	0.464	ppbv	98
9) Propene	3.05	41	70324m	1.511	ppbv	
11) Trichlorofluoromethane	4.00	101	37514	0.217	ppbv	93
12) 1,1,2-Trichlorotrifluoroet	4.55	101	7717	0.066	ppbv	91
13) Ethanol	3.70	45	19157253m	1590.539	ppbv	
15) Acetone	3.90	43	1021158m	8.822	ppbv	
20) Methylene Chloride	4.41	84	255196	5.194	ppbv	96
26) Hexane	5.78	57	200572	2.100	ppbv #	48
34) 2-Butanone	5.33	43	28633	0.243	ppbv	98
36) Benzene	7.00	78	32229	0.196	ppbv	96
44) 2,2,4-Trimethylpentane	7.99	57	35077m	0.122	ppbv	
52) Tetrachloroethene	11.37	164	40278m	0.649	ppbv	
53) Toluene	9.94	91	1821124	9.523	ppbv	100

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

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