

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032719\
 Data File : VL033481.D
 Acq On : 27 Mar 2019 23:29
 Operator : SY/AP
 Sample : K2042-15
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-5-TEACHERS-ROOM

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 1:25:59 AM

Quant Time: Mar 31 11:23:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue 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	5.75	49	762734	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.28	114	1774100	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.23	117	1727137	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.57	95	1384947	10.23	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	30882	0.278	ppbv	90
4) Chloromethane	3.17	50	26118	0.562	ppbv	96
9) Propene	3.04	41	28381m	0.770	ppbv	
10) Heptane	8.25	43	26846	0.272	ppbv	96
11) Trichlorofluoromethane	4.00	101	33416	0.244	ppbv	95
13) Ethanol	3.66	45	6252532	655.223	ppbv	65
15) Acetone	3.89	43	674284	7.352	ppbv	100
17) tert-Butyl alcohol	4.37	59	14746m	0.874	ppbv	
19) Isopropyl Alcohol	4.04	45	1801323	31.053	ppbv	99
20) Methylene Chloride	4.41	84	46968	1.206	ppbv	88
26) Hexane	5.78	57	68329	0.903	ppbv #	58
34) 2-Butanone	5.33	43	27896	0.262	ppbv	98
35) Carbon Tetrachloride	7.13	117	7464m	0.059	ppbv	
36) Benzene	7.00	78	40953	0.275	ppbv	93
53) Toluene	9.94	91	392366	2.268	ppbv	99
59) m/p-Xylene	13.12	91	80810m	0.392	ppbv	
60) o-Xylene	13.84	91	23779m	0.119	ppbv	

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

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