

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031819\
 Data File : VL033371.D
 Acq On : 18 Mar 2019 23:21
 Operator : SY/AP
 Sample : K1952-01DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 L1HA-IA1DUP

Manual Integrations
 APPROVED

MMDadoda
 3/21/2019 12:15:11 PM

Quant Time: Mar 19 08:11:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 1
 QLast Update : Fri Mar 15 14:52:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	723481	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1594921	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1433472	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1158714	10.91	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	61919	0.487	ppbv	89
3) Chlorodifluoromethane	3.02	51	27642m	0.333	ppbv	
4) Chloromethane	3.17	50	24884m	0.553	ppbv	
9) Propene	3.05	41	47382	1.278	ppbv #	65
10) Heptane	8.25	43	13245m	0.144	ppbv	
11) Trichlorofluoromethane	4.00	101	31721	0.250	ppbv	91
13) Ethanol	3.68	45	9574179	541.781	ppbv	99
15) Acetone	3.90	43	492931	4.383	ppbv	92
20) Methylene Chloride	4.41	84	73085	1.993	ppbv	97
26) Hexane	5.78	57	79040	1.081	ppbv #	62
34) 2-Butanone	5.33	43	41493	0.396	ppbv	99
35) Carbon Tetrachloride	7.13	117	8447m	0.075	ppbv	
36) Benzene	7.00	78	38129	0.267	ppbv	97
52) Tetrachloroethene	11.37	164	7768m	0.131	ppbv	
53) Toluene	9.94	91	2314426	14.270	ppbv	99
59) m/p-Xylene	13.12	91	37286m	0.214	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	31764m	0.159	ppbv	

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

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