

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL031819\
 Data File : VL033373.D
 Acq On : 19 Mar 2019 00:39
 Operator : SY/AP
 Sample : K1952-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 L1HA-IA2

Manual Integrations
 APPROVED

MMDadoda
 3/21/2019 12:15:16 PM

Quant Time: Mar 19 08:16:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL031519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Mar 19 08:16:53 2019
 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	796939	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1793461	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.24	117	1700187	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.58	95	1321041	10.49	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	62578	0.447	ppbv	93
3) Chlorodifluoromethane	3.01	51	28934m	0.316	ppbv	
4) Chloromethane	3.17	50	27903	0.563	ppbv	94
10) Heptane	8.25	43	14050m	0.139	ppbv	
11) Trichlorofluoromethane	4.00	101	32410	0.232	ppbv	91
13) Ethanol	3.71	45	26761789	1374.801	ppbv	97
15) Acetone	3.90	43	1150360m	9.286	ppbv	
17) tert-Butyl alcohol	4.42	59	138739m	7.958	ppbv	
20) Methylene Chloride	4.41	84	42457	1.051	ppbv	97
26) Hexane	5.78	57	52623	0.654	ppbv	87
34) 2-Butanone	5.33	43	42427	0.360	ppbv	99
35) Carbon Tetrachloride	7.13	117	8519m	0.067	ppbv	
36) Benzene	7.00	78	38809	0.242	ppbv	98
52) Tetrachloroethene	11.38	164	17071m	0.255	ppbv	
53) Toluene	9.94	91	828669	4.544	ppbv	99
59) m/p-Xylene	13.13	91	39125m	0.189	ppbv	
74) 1,2,4-Trimethylbenzene	16.92	105	32129m	0.136	ppbv	

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

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