

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032519\
 Data File : VL033456.D
 Acq On : 26 Mar 2019 4:07
 Operator : SY/AP
 Sample : K1991-08
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-4

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 1:23:13 AM

Quant Time: Mar 31 10:52:13 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	678620	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	1585611	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.24	117	1634543	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.58	95	1253517	9.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	31229	0.316	ppbv	96
3) Chlorodifluoromethane	3.01	51	22971m	0.294	ppbv	
4) Chloromethane	3.17	50	25758	0.623	ppbv	99
9) Propene	3.05	41	33550	1.023	ppbv #	73
10) Heptane	8.25	43	12122m	0.138	ppbv	
11) Trichlorofluoromethane	4.00	101	31027	0.254	ppbv	95
13) Ethanol	3.65	45	95632	11.264	ppbv	68
15) Acetone	3.89	43	2303120	28.225	ppbv	97
20) Methylene Chloride	4.40	84	46151	1.332	ppbv #	87
26) Hexane	5.78	57	61328	0.911	ppbv #	59
34) 2-Butanone	5.33	43	174539	1.832	ppbv	99
35) Carbon Tetrachloride	7.13	117	7342	0.065	ppbv	88
36) Benzene	7.00	78	18885m	0.142	ppbv	
41) Tetrahydrofuran	6.16	42	15574m	0.297	ppbv	
53) Toluene	9.94	91	600975	3.887	ppbv	100
60) o-Xylene	13.85	91	21121	0.112	ppbv	99

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

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