

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090519\
 Data File : VL034135.D
 Acq On : 5 Sep 2019 14:11
 Operator : SY/AP
 Sample : K4612-02DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SOILDL

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 5:15:16 AM

Quant Time: Sep 06 04:58:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL090519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Sep 0
 QLast Update : Thu Sep 05 10:21:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1013868	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.23	114	1883703	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.17	117	1860065	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.51	95	1596859	10.50	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.98	51	15451m	0.137	ppbv	
9) Propene	3.01	41	67527	1.068	ppbv #	77
10) Heptane	8.18	43	20153	0.123	ppbv	99
13) Ethanol	3.61	45	158684	12.810	ppbv	99
15) Acetone	3.86	43	893803m	7.315	ppbv	
17) tert-Butyl alcohol	4.32	59	34066m	0.384	ppbv	
20) Methylene Chloride	4.36	84	43686	1.081	ppbv	94
25) Ethyl Acetate	5.71	43	251983	0.939	ppbv #	95
29) Chloroform	5.79	83	45527	0.283	ppbv	85
34) 2-Butanone	5.28	43	188159	1.039	ppbv	97
50) 4-Methyl-2-Pentanone	8.82	43	168647m	0.610	ppbv	
53) Toluene	9.88	91	351867	1.478	ppbv	96
58) Ethyl Benzene	12.79	91	40287m	0.132	ppbv	
59) m/p-Xylene	13.05	91	86150m	0.346	ppbv	
60) o-Xylene	13.78	91	42978m	0.173	ppbv	
69) p-Isopropyltoluene	17.75	119	34334m	0.107	ppbv	
74) 1,2,4-Trimethylbenzene	16.85	105	93235m	0.333	ppbv	

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

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