

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062619\
 Data File : VL033976.D
 Acq On : 26 Jun 2019 20:38
 Operator : SY/AP
 Sample : K3481-01DL2 80X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TZC-SSDS-AREA-A-1DL2

Manual Integrations
 APPROVED

MMDadoda
 6/27/2019 3:01:28 PM

Quant Time: Jun 27 05:50:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.74	49	792837	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.26	114	1887000	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.21	117	1917050	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.54	95	1706010	10.83	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.30%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) Heptane	8.22	43	21976m	0.249	ppbv	
13) Ethanol	3.63	45	14938m	1.315	ppbv	
15) Acetone	3.88	43	1961784	16.966	ppbv	100
17) tert-Butyl alcohol	4.34	59	195949	2.168	ppbv	97
19) Isopropyl Alcohol	4.01	45	11626m	0.176	ppbv	
20) Methylene Chloride	4.39	84	6202	0.138	ppbv #	68
34) 2-Butanone	5.32	43	67019	0.630	ppbv	99
36) Benzene	6.98	78	36456	0.253	ppbv #	87
53) Toluene	9.92	91	133365	0.836	ppbv	98
58) Ethyl Benzene	12.84	91	40398	0.187	ppbv	94
59) m/p-Xylene	13.09	91	192145	0.978	ppbv	96
60) o-Xylene	13.82	91	136267	0.671	ppbv	95
61) Styrene	13.65	104	525395	4.001	ppbv	96

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

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