

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033947.D
 Acq On : 24 Jun 2019 21:56
 Operator : SY/AP
 Sample : K3481-03DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TZC-SSDS-AREA-B-1DL

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 5:01:34 PM

Quant Time: Jun 25 09:40:12 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	1007307	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.27	114	2670183	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.21	117	2736670	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.55	95	2178187	9.69	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.04	41	11296m	0.255	ppbv	
10) Heptane	8.22	43	38156m	0.340	ppbv	
13) Ethanol	3.65	45	64038	4.436	ppbv	97
15) Acetone	3.89	43	1081540	7.362	ppbv	93
17) tert-Butyl alcohol	4.34	59	897700	7.817	ppbv	98
19) Isopropyl Alcohol	4.02	45	38648m	0.460	ppbv	
20) Methylene Chloride	4.39	84	30367m	0.530	ppbv	
26) Hexane	5.76	57	32483	0.319	ppbv #	41
34) 2-Butanone	5.32	43	105031	0.697	ppbv	95
36) Benzene	6.98	78	91510	0.449	ppbv	98
53) Toluene	9.92	91	294273	1.304	ppbv	100
58) Ethyl Benzene	12.83	91	170796	0.554	ppbv	100
59) m/p-Xylene	13.09	91	647122	2.306	ppbv	97
60) o-Xylene	13.82	91	338197	1.167	ppbv	97
61) Styrene	13.66	104	4459362	23.787	ppbv	96
62) Isopropylbenzene	14.79	105	144500	0.370	ppbv	98
64) n-propylbenzene	15.69	120	30356	0.304	ppbv	92

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

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