

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL091019\
 Data File : VL034146.D
 Acq On : 10 Sep 2019 17:12
 Operator : SY/AP
 Sample : K4775-01DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

MMDadoda
 9/12/2019 5:16:55 AM

Quant Time: Sep 11 02:54:23 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	5.70	49	758478	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1522675	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.17	117	1501881	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.50	95	1256730	10.24	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	178983	3.784	ppbv	86
10) Heptane	8.18	43	52444m	0.427	ppbv	
13) Ethanol	3.60	45	26948m	2.908	ppbv	
15) Acetone	3.85	43	3491901	38.200	ppbv	92
17) tert-Butyl alcohol	4.31	59	54917m	0.828	ppbv	
19) Isopropyl Alcohol	3.98	45	85547	1.386	ppbv #	97
26) Hexane	5.72	57	68550	0.768	ppbv #	36
27) Carbon Disulfide	4.57	76	14230m	0.177	ppbv	
30) Cyclohexane	7.18	84	12071m	0.187	ppbv	
32) 1,1,1-Trichloroethane	6.56	97	7761m	0.068	ppbv	
34) 2-Butanone	5.27	43	418387	2.858	ppbv	99
36) Benzene	6.94	78	33853m	0.195	ppbv	
44) 2,2,4-Trimethylpentane	7.92	57	34043m	0.106	ppbv	
50) 4-Methyl-2-Pentanone	8.82	43	24414	0.109	ppbv #	87
51) 2-Hexanone	10.20	43	139426	0.723	ppbv #	100
52) Tetrachloroethene	11.30	164	66199m	1.079	ppbv	
53) Toluene	9.87	91	139350m	0.724	ppbv	
58) Ethyl Benzene	12.78	91	44517	0.181	ppbv #	87
59) m/p-Xylene	13.05	91	121676m	0.606	ppbv	
60) o-Xylene	13.77	91	44972	0.225	ppbv	99
74) 1,2,4-Trimethylbenzene	16.85	105	47677m	0.211	ppbv	

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

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