

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100719\
 Data File : VL034244.D
 Acq On : 8 Oct 2019 5:38
 Operator : SY/AP
 Sample : K5222-04DL 10X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 V-4DL

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 5:06:26 PM

Quant Time: Oct 10 20:46:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Sep 18 2019
 QLast Update : Wed Sep 18 12:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	897258	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.21	114	1682811	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1699494	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1462157	9.90	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	2.99	41	117438	2.263	ppbv	92
10) Heptane	8.17	43	55726	0.412	ppbv	91
13) Ethanol	3.60	45	254374	20.239	ppbv	98
15) Acetone	3.84	43	507302	4.218	ppbv	98
26) Hexane	5.71	57	106120	1.122	ppbv #	42
30) Cyclohexane	7.17	84	31421m	0.460	ppbv	
34) 2-Butanone	5.27	43	47733	0.278	ppbv	95
36) Benzene	6.92	78	149194	0.803	ppbv #	89
44) 2,2,4-Trimethylpentane	7.91	57	116111m	0.325	ppbv	
52) Tetrachloroethene	11.28	164	5317m	0.087	ppbv	
53) Toluene	9.86	91	487923	2.402	ppbv	96
58) Ethyl Benzene	12.78	91	73404m	0.268	ppbv	
59) m/p-Xylene	13.03	91	227972m	1.004	ppbv	
60) o-Xylene	13.77	91	84437m	0.372	ppbv	
61) Styrene	13.59	104	9129m	0.056	ppbv	
73) 1,3,5-Trimethylbenzene	16.07	105	28056m	0.113	ppbv	
74) 1,2,4-Trimethylbenzene	16.84	105	93515	0.355	ppbv #	65

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

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