

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL100219\
 Data File : VL034217.D
 Acq On : 2 Oct 2019 19:11
 Operator : SY/AP
 Sample : K5106-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:30:19 PM

Quant Time: Oct 04 21:27:04 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	894792	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.22	114	1695568	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.16	117	1708456	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene		14.49	95	1470736	9.91	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.99	41	730022	14.103	ppbv	92
10) Heptane	8.17	43	373134	2.766	ppbv	99
13) Ethanol	3.61	45	36188	2.887	ppbv	88
15) Acetone	3.85	43	1200188	10.008	ppbv	95
17) tert-Butyl alcohol	4.31	59	109487	1.441	ppbv	98
26) Hexane	5.72	57	72563	0.769	ppbv #	42
27) Carbon Disulfide	4.56	76	41227	0.474	ppbv #	58
29) Chloroform	5.78	83	264422	1.962	ppbv	97
30) Cyclohexane	7.18	84	21087m	0.310	ppbv	
34) 2-Butanone	5.27	43	323127	1.866	ppbv	97
36) Benzene	6.93	78	105449	0.563	ppbv #	89
44) 2,2,4-Trimethylpentane	7.91	57	130044m	0.361	ppbv	
52) Tetrachloroethene	11.29	164	147433	2.383	ppbv	92
53) Toluene	9.86	91	303600	1.483	ppbv	100
59) m/p-Xylene	13.03	91	88005m	0.385	ppbv	

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

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