

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
 Data File : VL034270.D
 Acq On : 9 Oct 2019 5:08
 Operator : SY/AP
 Sample : K5243-01DL 40X
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 5:08:20 PM

Quant Time: Oct 10 02:21:17 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
 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	1044823	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.21	114	1997313	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	2002582	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.49	95	1695709	9.74	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.03	85	28830	0.187	ppbv	90
9) Propene	2.99	41	21578m	0.357	ppbv	
10) Heptane	8.17	43	53489	0.340	ppbv	99
13) Ethanol	3.60	45	11995m	0.820	ppbv	
15) Acetone	3.84	43	1584520	11.315	ppbv	97
17) tert-Butyl alcohol	4.30	59	20196	0.228	ppbv	95
19) Isopropyl Alcohol	3.96	45	1337725	15.535	ppbv	100
26) Hexane	5.70	57	100168	0.909	ppbv #	40
34) 2-Butanone	5.26	43	122510	0.601	ppbv	95
38) Trichloroethene	7.88	130	287881	3.652	ppbv	96
52) Tetrachloroethene	11.29	164	2022359	27.749	ppbv	96
53) Toluene	9.86	91	79044	0.328	ppbv	95
59) m/p-Xylene	13.03	91	108333m	0.405	ppbv	

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

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