

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL100819\
 Data File : VL034263.D
 Acq On : 9 Oct 2019 00:32
 Operator : SY/AP
 Sample : K5243-04
 Misc : 400ml/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 5:07:43 PM

Quant Time: Oct 10 21:03:46 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	1038033	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.21	114	1726119	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.15	117	1678823	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.49	95	1519861	10.42	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.03	85	1042689	6.800	ppbv	99
3) Chlorodifluoromethane	2.96	51	77417m	0.636	ppbv	
4) Chloromethane	3.12	50	43195	0.604	ppbv	96
9) Propene	3.00	41	220396m	3.670	ppbv	
10) Heptane	8.17	43	31318m	0.200	ppbv	
11) Trichlorofluoromethane	3.94	101	99349	0.712	ppbv	96
13) Ethanol	3.64	45	17976002m	1236.254	ppbv	
15) Acetone	3.84	43	4015504	28.863	ppbv	94
19) Isopropyl Alcohol	4.02	45	22522375	263.258	ppbv	100
20) Methylene Chloride	4.35	84	76169	1.899	ppbv	92
26) Hexane	5.70	57	93428m	0.854	ppbv	
29) Chloroform	5.77	83	66173	0.423	ppbv #	83
30) Cyclohexane	7.17	84	56907	0.720	ppbv	93
34) 2-Butanone	5.26	43	233838	1.327	ppbv	99
35) Carbon Tetrachloride	7.05	117	8370m	0.058	ppbv	
36) Benzene	6.92	78	31862	0.167	ppbv #	91
37) 1,2-Dichloroethane	6.33	62	14850	0.110	ppbv #	95
38) Trichloroethene	7.88	130	17201	0.253	ppbv #	81
52) Tetrachloroethene	11.28	164	10230m	0.162	ppbv	
53) Toluene	9.86	91	159314	0.765	ppbv	96
58) Ethyl Benzene	12.78	91	35472	0.131	ppbv	92
59) m/p-Xylene	13.03	91	89368m	0.398	ppbv	
60) o-Xylene	13.76	91	37365m	0.167	ppbv	
74) 1,2,4-Trimethylbenzene	16.84	105	81204m	0.312	ppbv	
76) 1,4-Dichlorobenzene	17.22	146	26489m	0.185	ppbv	
79) Naphthalene	22.31	128	73012m	0.319	ppbv	

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

