

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL020420\
 Data File : VL034593.D
 Acq On : 4 Feb 2020 23:51
 Operator : SY/AP
 Sample : L1359-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

MMDadoda
 2/5/2020 2:51:01 PM

Quant Time: Feb 05 07:33:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL013020AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jan 30 2020
 QLast Update : Thu Jan 30 17:16:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	900548	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1862805	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.13	117	1906635	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	1727849	10.72	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	43743m	0.221	ppbv	
3) Chlorodifluoromethane	2.95	51	41288m	0.379	ppbv	
9) Propene	2.99	41	16789m	0.396	ppbv	
10) Heptane	8.14	43	134312	1.260	ppbv	96
11) Trichlorofluoromethane	3.93	101	46113	0.256	ppbv #	81
13) Ethanol	3.58	45	162973	14.361	ppbv	96
15) Acetone	3.83	43	1103006	8.334	ppbv	98
17) tert-Butyl alcohol	4.29	59	91687	0.942	ppbv #	92
19) Isopropyl Alcohol	3.95	45	56118m	0.727	ppbv	
20) Methylene Chloride	4.33	84	49108	0.974	ppbv #	89
26) Hexane	5.69	57	41567	0.463	ppbv #	44
27) Carbon Disulfide	4.54	76	68009	0.562	ppbv #	82
34) 2-Butanone	5.24	43	236940	1.752	ppbv	97
35) Carbon Tetrachloride	7.03	117	10363m	0.058	ppbv	
36) Benzene	6.90	78	44750m	0.270	ppbv	
38) Trichloroethene	7.86	130	3758m	0.054	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	29226m	0.097	ppbv	
52) Tetrachloroethene	11.26	164	5119m	0.077	ppbv	
53) Toluene	9.83	91	488152	2.682	ppbv	97
58) Ethyl Benzene	12.75	91	161006	0.631	ppbv	91
59) m/p-Xylene	13.00	91	622390m	2.760	ppbv	
60) o-Xylene	13.73	91	252461	1.115	ppbv	95
72) 4-Ethyltoluene	15.89	105	80800m	0.325	ppbv	
73) 1,3,5-Trimethylbenzene	16.04	105	48011	0.197	ppbv	95
74) 1,2,4-Trimethylbenzene	16.81	105	242164	0.900	ppbv #	78

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

