

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021920\
 Data File : VL034658.D
 Acq On : 19 Feb 2020 23:41
 Operator : SY/AP
 Sample : L1553-05
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 3:24:26 PM

Quant Time: Feb 21 10:33:29 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

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	5.65	49	767354	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	1607223	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	1624780	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1392914	10.14	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	35776m	0.212	ppbv	
3) Chlorodifluoromethane	2.95	51	28373m	0.306	ppbv	
4) Chloromethane	3.10	50	37462	0.660	ppbv	98
9) Propene	2.98	41	38297m	1.061	ppbv	
11) Trichlorofluoromethane	3.92	101	47794	0.311	ppbv #	81
13) Ethanol	3.59	45	8496692	878.655	ppbv	91
15) Acetone	3.82	43	1020647	9.050	ppbv	100
17) tert-Butyl alcohol	4.29	59	36997m	0.446	ppbv	
19) Isopropyl Alcohol	3.96	45	552574	8.396	ppbv #	97
20) Methylene Chloride	4.32	84	105085	2.447	ppbv	97
26) Hexane	5.67	57	181583	2.374	ppbv #	43
29) Chloroform	5.74	83	28698m	0.212	ppbv	
34) 2-Butanone	5.23	43	49040m	0.420	ppbv	
35) Carbon Tetrachloride	7.01	117	12509m	0.081	ppbv	
36) Benzene	6.88	78	39461m	0.276	ppbv	
37) 1,2-Dichloroethane	6.29	62	22122	0.186	ppbv	99
53) Toluene	9.82	91	1076804	6.858	ppbv	99

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

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