

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021920\
 Data File : VL034662.D
 Acq On : 20 Feb 2020 2:18
 Operator : SY/AP
 Sample : L1554-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1

Manual Integrations
 APPROVED

MMDadoda
 2/21/2020 3:24:33 PM

Quant Time: Feb 20 08:29:59 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

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	728306	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.18	114	1532932	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	1838886	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1672900	10.76	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.60%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	39627	0.247	ppbv #	80
3) Chlorodifluoromethane	2.95	51	27789m	0.316	ppbv	
11) Trichlorofluoromethane	3.92	101	42364	0.291	ppbv #	81
13) Ethanol	3.57	45	204340	22.264	ppbv	99
15) Acetone	3.82	43	509055	4.756	ppbv	95
17) tert-Butyl alcohol	4.27	59	147199	1.870	ppbv #	93
19) Isopropyl Alcohol	3.94	45	48681m	0.779	ppbv	
20) Methylene Chloride	4.32	84	117880	2.892	ppbv	93
26) Hexane	5.68	57	45152	0.622	ppbv #	53
27) Carbon Disulfide	4.53	76	487425	4.977	ppbv	98
34) 2-Butanone	5.22	43	1733981	15.579	ppbv	99
35) Carbon Tetrachloride	7.01	117	9453m	0.065	ppbv	
36) Benzene	6.88	78	19928m	0.146	ppbv	
52) Tetrachloroethene	11.25	164	21840m	0.399	ppbv	
53) Toluene	9.82	91	979979	6.544	ppbv	97
58) Ethyl Benzene	12.73	91	1425739	5.794	ppbv	99
59) m/p-Xylene	13.00	91	1823591	8.384	ppbv	99
60) o-Xylene	13.73	91	641140	2.935	ppbv	96
61) Styrene	13.56	104	10500827	72.092	ppbv #	88
62) Isopropylbenzene	14.71	105	13928839	49.204	ppbv #	72
64) n-propylbenzene	15.59	120	23669m	0.325	ppbv	
72) 4-Ethyltoluene	15.87	105	113510	0.473	ppbv #	96
73) 1,3,5-Trimethylbenzene	16.03	105	53610	0.229	ppbv	96
74) 1,2,4-Trimethylbenzene	16.80	105	246302	0.949	ppbv #	70

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

