

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL021820\
 Data File : VL034639.D
 Acq On : 19 Feb 2020 00:58
 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 3:26:30 PM

Quant Time: Feb 21 09:39:41 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	5.65	49	834720	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1777312	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2044094	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1897890	10.99	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.90%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	48031	0.261	ppbv #	84
3) Chlorodifluoromethane	2.95	51	28077m	0.278	ppbv	
11) Trichlorofluoromethane	3.92	101	48321m	0.289	ppbv	
13) Ethanol	3.57	45	221559	21.063	ppbv	96
15) Acetone	3.82	43	534740	4.359	ppbv	96
17) tert-Butyl alcohol	4.27	59	135167m	1.498	ppbv	
19) Isopropyl Alcohol	3.95	45	42962	0.600	ppbv #	73
20) Methylene Chloride	4.32	84	83252	1.782	ppbv #	96
26) Hexane	5.68	57	34390	0.413	ppbv #	5
27) Carbon Disulfide	4.53	76	517840	4.613	ppbv	98
34) 2-Butanone	5.22	43	1904804	14.760	ppbv	98
35) Carbon Tetrachloride	7.02	117	9671m	0.057	ppbv	
36) Benzene	6.89	78	22696m	0.144	ppbv	
52) Tetrachloroethene	11.25	164	24765m	0.390	ppbv	
53) Toluene	9.82	91	1076585	6.200	ppbv	100
58) Ethyl Benzene	12.74	91	1522296	5.565	ppbv	100
59) m/p-Xylene	13.00	91	1998775	8.266	ppbv	99
60) o-Xylene	13.73	91	698233	2.875	ppbv	97
61) Styrene	13.57	104	10869589	67.132	ppbv #	86
62) Isopropylbenzene	14.71	105	14446152	45.908	ppbv #	71
64) n-propylbenzene	15.60	120	25841m	0.319	ppbv	
72) 4-Ethyltoluene	15.87	105	125467	0.470	ppbv #	95
73) 1,3,5-Trimethylbenzene	16.04	105	61928m	0.238	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	271612m	0.941	ppbv	

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

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