

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL072120\
 Data File : VL035219.D
 Acq On : 21 Jul 2020 22:20
 Operator : SY/AP
 Sample : L3290-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OUTDOOR-AMBIENT

Manual Integrations
 APPROVED

MMDadoda
 7/23/2020 2:59:53 PM

Quant Time: Jul 22 01:48:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08 07:05:23 2020
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1002294	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2373864	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2214984	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.44	95	1816924	10.10	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.00%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	38326	0.273	ppbv	95
3) Chlorodifluoromethane	2.94	51	40885m	0.369	ppbv	
4) Chloromethane	3.10	50	37301	0.598	ppbv	91
9) Propene	2.97	41	52828	1.263	ppbv #	83
11) Trichlorofluoromethane	3.92	101	47397	0.299	ppbv #	82
13) Ethanol	3.56	45	366230	27.493	ppbv	94
15) Acetone	3.81	43	989361m	7.291	ppbv	
17) tert-Butyl alcohol	4.28	59	15001m	0.125	ppbv	
19) Isopropyl Alcohol	3.93	45	135195m	1.651	ppbv	
20) Methylene Chloride	4.31	84	283519	4.802	ppbv	99
26) Hexane	5.67	57	173729	1.871	ppbv #	43
34) 2-Butanone	5.23	43	52143	0.412	ppbv	93
35) Carbon Tetrachloride	7.01	117	12825m	0.083	ppbv	
36) Benzene	6.89	78	33252m	0.194	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	63277m	0.213	ppbv	
50) 4-Methyl-2-Pentanone	8.76	43	30035m	0.165	ppbv	
52) Tetrachloroethene	11.24	164	14455m	0.225	ppbv	
53) Toluene	9.82	91	463535	2.556	ppbv	98
59) m/p-Xylene	13.00	91	33971m	0.156	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	46986	0.180	ppbv #	68

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

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