

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110420\
 Data File : VL035833.D
 Acq On : 4 Nov 2020 14:53
 Operator : SY/AP
 Sample : L4610-01 2X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

MMDadoda
 11/5/2020 2:16:40 PM

Quant Time: Nov 05 03:44:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 04
 QLast Update : Wed Nov 04 02:40:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1096502	10.00	ppbv	-0.03
33) 1,4-Difluorobenzene	7.14	114	4836465	10.00	ppbv	-0.04
55) Chlorobenzene-d5	12.06	117	4439440	10.00	ppbv	-0.04

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.39	95	3181405	10.09	ppbv	-0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.90%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	50714	0.246	ppbv	92
3) Chlorodifluoromethane	2.96	51	27962	0.213	ppbv #	87
4) Chloromethane	3.12	50	10350	0.162	ppbv #	82
9) Propene	2.99	41	31091	0.647	ppbv	93
10) Heptane	8.09	43	16931m	0.128	ppbv	
11) Trichlorofluoromethane	3.92	101	28896	0.111	ppbv	97
13) Ethanol	3.59	45	56644m	5.433	ppbv	
15) Acetone	3.83	43	542133	4.625	ppbv	94
20) Methylene Chloride	4.32	84	341328	4.136	ppbv	99
26) Hexane	5.66	57	269608	2.117	ppbv #	45
34) 2-Butanone	5.23	43	37910	0.242	ppbv #	73
36) Benzene	6.86	78	58223	0.162	ppbv	97
52) Tetrachloroethene	11.19	164	42057	0.247	ppbv	92
53) Toluene	9.77	91	358273	0.826	ppbv	97
58) Ethyl Benzene	12.68	91	170738	0.316	ppbv	96
59) m/p-Xylene	12.94	91	409860	0.896	ppbv	97
60) o-Xylene	13.66	91	164106	0.369	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.66	83	41597m	0.121	ppbv	
64) n-propylbenzene	15.54	120	30520m	0.151	ppbv	
70) n-Butylbenzene	18.54	91	195469m	0.287	ppbv	
72) 4-Ethyltoluene	15.81	105	65737	0.122	ppbv #	92
74) 1,2,4-Trimethylbenzene	16.74	105	133777	0.253	ppbv #	69

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

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