

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL110520\
 Data File : VL035876.D
 Acq On : 6 Nov 2020 1:46
 Operator : SY/AP
 Sample : L4618-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2

Manual Integrations
 APPROVED

MMDadoda
 11/9/2020 1:38:53 PM

Quant Time: Nov 08 18:44:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL110320AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Nov 0
 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	5.65	49	1076490	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	3991873	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	3706624	10.00	ppbv	-0.03

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.40	95	2639900	10.02	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	55257	0.273	ppbv	94
3) Chlorodifluoromethane	2.97	51	44178	0.343	ppbv #	90
4) Chloromethane	3.12	50	29226	0.467	ppbv	95
9) Propene	3.00	41	725540m	15.377	ppbv	
10) Heptane	8.10	43	99829	0.766	ppbv	98
11) Trichlorofluoromethane	3.93	101	57177	0.225	ppbv	98
13) Ethanol	3.59	45	121489m	11.869	ppbv	
15) Acetone	3.82	43	12310462	106.967	ppbv #	82
20) Methylene Chloride	4.33	84	146751	1.811	ppbv	98
26) Hexane	5.66	57	163845	1.310	ppbv #	48
29) Chloroform	5.73	83	74166	0.302	ppbv	98
30) Cyclohexane	7.10	84	15533m	0.114	ppbv	
34) 2-Butanone	5.23	43	27496m	0.212	ppbv	
35) Carbon Tetrachloride	6.99	117	13655m	0.064	ppbv	
36) Benzene	6.87	78	70393	0.237	ppbv	96
44) 2,2,4-Trimethylpentane	7.84	57	73508m	0.187	ppbv	
50) 4-Methyl-2-Pentanone	8.73	43	64273	0.324	ppbv	98
52) Tetrachloroethene	11.21	164	33133m	0.236	ppbv	
53) Toluene	9.78	91	9986618	27.888	ppbv	90
58) Ethyl Benzene	12.69	91	255901	0.567	ppbv	92
59) m/p-Xylene	12.94	91	1032586	2.703	ppbv	99
60) o-Xylene	13.67	91	280764	0.756	ppbv	98
74) 1,2,4-Trimethylbenzene	16.75	105	79221	0.179	ppbv #	63

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

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