

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL120820\
 Data File : VL036125.D
 Acq On : 9 Dec 2020 11:02
 Operator : SY/AP
 Sample : L4949-04DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:24:20 PM

Quant Time: Dec 10 21:53:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL120720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Dec 0
 QLast Update : Mon Dec 07 16:56:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1305771	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2668119	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	2419348	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.43	95	2114246	11.01	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	110.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.02	41	17506m	0.235	ppbv	
13) Ethanol	3.62	45	55586m	5.403	ppbv	
15) Acetone	3.85	43	1254427	7.993	ppbv	98
25) Ethyl Acetate	5.69	43	268790	0.857	ppbv #	92
34) 2-Butanone	5.26	43	372936	2.107	ppbv	99
41) Tetrahydrofuran	6.08	42	84562m	0.804	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	144295m	0.352	ppbv	
50) 4-Methyl-2-Pentanone	8.77	43	52507m	0.199	ppbv	
53) Toluene	9.82	91	1508912	5.943	ppbv	99
58) Ethyl Benzene	12.73	91	136127m	0.411	ppbv	
59) m/p-Xylene	12.99	91	427700m	1.532	ppbv	
60) o-Xylene	13.70	91	131385m	0.499	ppbv	
72) 4-Ethyltoluene	15.86	105	87075m	0.306	ppbv	
73) 1,3,5-Trimethylbenzene	16.01	105	75373m	0.277	ppbv	
74) 1,2,4-Trimethylbenzene	16.78	105	192199	0.703	ppbv #	64

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

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