

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL120820\
 Data File : VL036105.D
 Acq On : 8 Dec 2020 21:46
 Operator : SY/AP
 Sample : L4949-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-2DL

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:23:18 PM

Quant Time: Dec 09 22:35:46 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	1196039	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2616349	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.10	117	2350710	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	1999244	10.71	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.10%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	133721m	14.190	ppbv	
15) Acetone	3.85	43	4108975	28.585	ppbv	96
19) Isopropyl Alcohol	3.98	45	324549m	3.694	ppbv	
25) Ethyl Acetate	5.68	43	1002951	3.493	ppbv #	91
34) 2-Butanone	5.25	43	1478643	8.520	ppbv	100
41) Tetrahydrofuran	6.06	42	341873m	3.316	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	460295	1.146	ppbv #	70
50) 4-Methyl-2-Pentanone	8.75	43	182826	0.706	ppbv	99
53) Toluene	9.82	91	5028153	20.195	ppbv	97
58) Ethyl Benzene	12.72	91	470914	1.462	ppbv	96
59) m/p-Xylene	12.98	91	1457595	5.372	ppbv	96
60) o-Xylene	13.70	91	433819	1.697	ppbv	98
64) n-propylbenzene	15.58	120	49531m	0.543	ppbv	
65) tert-Butylbenzene	16.78	119	75808	0.244	ppbv #	59
72) 4-Ethyltoluene	15.86	105	296191	1.070	ppbv	98
73) 1,3,5-Trimethylbenzene	16.01	105	274416	1.038	ppbv	99
74) 1,2,4-Trimethylbenzene	16.78	105	753094	2.837	ppbv #	62

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

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