Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111423\
Data File : VL040850.D
Acq On : 14 Nov 2023 14:37
Operator : SY/MD
Sample : 05365-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 15 15:30:53 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Mon Nov 13 15:42:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.189	49	1056375	10.000	ppbv		0.02
33) 1,4-Difluorobenzene	6.642	114	2653988	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.442	117	2267297	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.751	95	1751483	9.867	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.700%				
Target Compounds							Qvalue
11) Trichlorofluoromethane	3.571	101	40133	0.244	ppbv		97
12) 1,1,2-Trichlorotrifluo...	4.076	101	9096m	0.078	ppbv		
13) Ethanol	3.253	45	3885050	351.998	ppbv	#	100
15) Acetone	3.475	43	2717260m	24.152	ppbv		
20) Methylene Chloride	3.938	84	524977	11.307	ppbv		97
26) Hexane	5.211	57	515137	4.996	ppbv	#	51
29) Chloroform	5.269	83	423102	2.421	ppbv		98
36) Benzene	6.359	78	209508	0.973	ppbv		99
44) 2,2,4-Trimethylpentane	7.311	57	211383	0.591	ppbv	#	81
52) Tetrachloroethene	10.600	164	10954m	0.151	ppbv		
53) Toluene	9.198	91	574057	2.422	ppbv		100
58) Ethyl Benzene	12.066	91	153041	0.517	ppbv		93
59) m/p-Xylene	12.320	91	435622m	1.729	ppbv		
60) o-Xylene	13.034	91	180409	0.752	ppbv		98
73) 1,3,5-Trimethylbenzene	15.320	105	70250m	0.301	ppbv		
74) 1,2,4-Trimethylbenzene	16.079	105	250243	0.962	ppbv	#	63

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

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