Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101123\
Data File : VL040769.D
Acq On : 11 Oct 2023 23:53
Operator : SY/MD
Sample : 04827-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 13 01:21:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Oct 12 00:21:08 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA3

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 10/14/2023
Supervised By :Mahesh Dadoda 10/16/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.205	49	914480	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.664	114	2565934	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.468	117	2296764	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.780	95	1710333	10.120	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.758	85	85376	0.530	ppbv		93
3) Chlorodifluoromethane	2.703	51	67709m	0.504	ppbv		
4) Chloromethane	2.841	50	26181	0.493	ppbv		94
9) Propene	2.732	41	87434m	1.752	ppbv		
10) Heptane	7.587	43	53083	0.423	ppbv		98
11) Trichlorofluoromethane	3.587	101	29288	0.236	ppbv		98
12) 1,1,2-Trichlorotrifluo...	4.095	101	6912m	0.078	ppbv		
13) Ethanol	3.262	45	854401	75.824	ppbv		97
15) Acetone	3.491	43	482925	5.108	ppbv	#	89
19) Isopropyl Alcohol	3.600	45	3269596	53.725	ppbv	#	39
20) Methylene Chloride	3.954	84	389014	9.879	ppbv		98
26) Hexane	5.230	57	475199	5.020	ppbv	#	42
27) Carbon Disulfide	4.143	76	290060	2.777	ppbv	#	85
30) Cyclohexane	6.610	84	30697m	0.381	ppbv		
34) 2-Butanone	4.809	43	48093	0.414	ppbv	#	89
35) Carbon Tetrachloride	6.510	117	11511m	0.080	ppbv		
36) Benzene	6.378	78	110056	0.558	ppbv		99
44) 2,2,4-Trimethylpentane	7.339	57	141145m	0.423	ppbv		
52) Tetrachloroethene	10.622	164	4321m	0.054	ppbv		
53) Toluene	9.227	91	350811	1.494	ppbv		99
58) Ethyl Benzene	12.095	91	72774m	0.252	ppbv		
59) m/p-Xylene	12.346	91	207931m	0.874	ppbv		
60) o-Xylene	13.063	91	82458	0.364	ppbv		98
64) n-propylbenzene	14.915	120	24141m	0.258	ppbv		
73) 1,3,5-Trimethylbenzene	15.352	105	111712	0.478	ppbv		95
74) 1,2,4-Trimethylbenzene	16.108	105	298308m	1.168	ppbv		

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

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