Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110823\
Data File : VL040824.D
Acq On : 8 Nov 2023 23:56
Operator : SY/MD
Sample : 05275-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 09 02:15:08 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 Nov 09 00:25:02 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
NT-IA-2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/11/2023
Supervised By :Mahesh Dadoda 11/13/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.211	49	1045701	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.661	114	2617272	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.462	117	2168175	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.770	95	1581551	9.913	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.774	85	101257	0.550	ppbv		98
3) Chlorodifluoromethane	2.719	51	57920m	0.377	ppbv		
4) Chloromethane	2.857	50	30379	0.501	ppbv	#	89
9) Propene	2.742	41	89761m	1.573	ppbv		
10) Heptane	7.584	43	29461m	0.205	ppbv		
11) Trichlorofluoromethane	3.597	101	38674m	0.272	ppbv		
13) Ethanol	3.275	45	772162	59.926	ppbv		99
15) Acetone	3.504	43	960835m	8.888	ppbv		
17) tert-Butyl alcohol	3.915	59	420670	3.795	ppbv		99
19) Isopropyl Alcohol	3.616	45	167399	2.405	ppbv	#	1
20) Methylene Chloride	3.967	84	1049616	23.309	ppbv		99
26) Hexane	5.234	57	1756024	16.221	ppbv	#	41
30) Cyclohexane	6.613	84	11590m	0.126	ppbv		
34) 2-Butanone	4.809	43	98121m	0.828	ppbv		
35) Carbon Tetrachloride	6.507	117	12110m	0.082	ppbv		
36) Benzene	6.385	78	98173	0.488	ppbv	#	88
44) 2,2,4-Trimethylpentane	7.336	57	106956	0.314	ppbv	#	77
52) Tetrachloroethene	10.610	164	2755m	0.034	ppbv		
53) Toluene	9.221	91	221506	0.925	ppbv		98
58) Ethyl Benzene	12.089	91	53390	0.196	ppbv		95
59) m/p-Xylene	12.339	91	141189m	0.628	ppbv		
60) o-Xylene	13.056	91	63551m	0.297	ppbv		
72) 4-Ethyltoluene	15.179	105	25620m	0.102	ppbv		
74) 1,2,4-Trimethylbenzene	16.101	105	84232m	0.349	ppbv		

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

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