Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
Data File : VL042320.D
Acq On : 11 Apr 2025 15:01
Operator : SY/MD
Sample : Q1665-11
Misc : 400mL/MSVOA_L
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
IA-B10-1-3242025

Quant Time: Apr 11 23:01:04 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
Supervised By :Mahesh Dadoda 04/17/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.787	49	183875	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.955	114	460651	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.882	117	381290	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.377	95	314052	10.030	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.496	85	11636	0.429	ppbv		90
4) Chloromethane	1.531	50	6489	0.585	ppbv	#	86
9) Propene	1.486	41	48793m	3.838	ppbv		
11) Trichlorofluoromethane	1.877	101	5866	0.222	ppbv		100
13) Ethanol	1.722	45	1300122	1081.877	ppbv		88
15) Acetone	1.832	43	2018088	78.476	ppbv	#	79
17) tert-Butyl alcohol	2.043	59	13419m	0.419	ppbv		
19) Isopropyl Alcohol	1.884	45	743440	51.238	ppbv	#	5
20) Methylene Chloride	2.062	84	141997	14.826	ppbv		96
26) Hexane	2.826	57	208675	8.094	ppbv	#	41
29) Chloroform	2.848	83	40045	1.061	ppbv		96
34) 2-Butanone	2.557	43	411404	12.316	ppbv		98
35) Carbon Tetrachloride	3.755	117	2791m	0.078	ppbv		
36) Benzene	3.654	78	21158	0.463	ppbv		98
50) 4-Methyl-2-Pentanone	5.774	43	8442m	0.159	ppbv		
53) Toluene	6.930	91	21762m	0.402	ppbv		
59) m/p-Xylene	9.532	91	12058m	0.223	ppbv		
60) o-Xylene	9.966	91	7975	0.147	ppbv		99
69) p-Isopropyltoluene	11.927	119	10393	0.116	ppbv	#	90
72) 4-Ethyltoluene	11.125	105	7507	0.111	ppbv	#	64
73) 1,3,5-Trimethylbenzene	11.205	105	9483	0.161	ppbv		96
74) 1,2,4-Trimethylbenzene	11.536	105	38801	0.571	ppbv	#	68

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

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