Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032725\
Data File : VL042187.D
Acq On : 27 Mar 2025 19:36
Operator : SY/MD
Sample : Q1669-03
Misc : 400mL/MSVOA_L
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 28 02:16:07 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2
QLast Update : Fri Mar 28 02:00:52 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA-B9-1-3262025

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 03/31/2025
Supervised By :Mahesh Dadoda 04/03/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.784	49	185410	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.955	114	523694	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.878	117	484321	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.374	95	389805	9.801	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.495	85	10428	0.381	ppbv		96
3) Chlorodifluoromethane	1.473	51	9747	0.349	ppbv		97
4) Chloromethane	1.528	50	2809	0.251	ppbv	#	86
9) Propene	1.486	41	7879	0.615	ppbv		84
10) Heptane	4.981	43	17273m	0.507	ppbv		
11) Trichlorofluoromethane	1.877	101	5528	0.208	ppbv		96
13) Ethanol	1.719	45	58391	48.187	ppbv		80
15) Acetone	1.835	43	82901	3.197	ppbv	#	82
17) tert-Butyl alcohol	2.042	59	13650	0.423	ppbv		95
20) Methylene Chloride	2.059	84	7860	0.814	ppbv	#	86
26) Hexane	2.822	57	57580	2.215	ppbv	#	34
30) Cyclohexane	3.849	84	6351m	0.281	ppbv		
34) 2-Butanone	2.560	43	20631	0.543	ppbv		95
35) Carbon Tetrachloride	3.758	117	2812m	0.069	ppbv		
36) Benzene	3.651	78	38888	0.749	ppbv		99
44) 2,2,4-Trimethylpentane	4.641	57	27186m	0.310	ppbv		
50) 4-Methyl-2-Pentanone	5.761	43	52014m	0.864	ppbv		
53) Toluene	6.930	91	159613	2.593	ppbv		99
58) Ethyl Benzene	9.351	91	32819	0.381	ppbv		93
59) m/p-Xylene	9.529	91	96052	1.398	ppbv		100
60) o-Xylene	9.959	91	38965	0.566	ppbv		97
61) Styrene	9.869	104	86112	2.528	ppbv		99
64) n-propylbenzene	10.992	120	2810m	0.106	ppbv		
72) 4-Ethyltoluene	11.124	105	10792	0.126	ppbv	#	55
73) 1,3,5-Trimethylbenzene	11.199	105	10875	0.145	ppbv		92
74) 1,2,4-Trimethylbenzene	11.536	105	35817	0.415	ppbv	#	66

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

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