Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080425\
Data File : VL042814.D
Acq On : 04 Aug 2025 20:15
Operator : SY/MD
Sample : Q2750-04DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 05 01:12:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Jul 24 05:24:41 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
WONDER IA-5DUP

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/06/2025
Supervised By :Mahesh Dadoda 08/06/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.787	49	161216	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.959	114	428986	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.882	117	375205	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.377	95	323539	10.888	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.900%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.496	85	12445	0.584	ppbv		89
3) Chlorodifluoromethane	1.473	51	1470625	52.963	ppbv	#	87
4) Chloromethane	1.531	50	5419	0.628	ppbv		89
9) Propene	1.486	41	130757m	12.957	ppbv		
11) Trichlorofluoromethane	1.878	101	4709	0.214	ppbv		90
13) Ethanol	1.729	45	4021580	5471.839	ppbv		92
15) Acetone	1.835	43	2026354	91.025	ppbv	#	84
19) Isopropyl Alcohol	1.984	45	24131679	2039.875	ppbv	#	38
20) Methylene Chloride	2.062	84	52828	7.530	ppbv		94
25) Ethyl Acetate	2.842	43	204967m	4.160	ppbv		
26) Hexane	2.826	57	111667	5.166	ppbv		84
27) Carbon Disulfide	2.146	76	47924	2.590	ppbv	#	66
29) Chloroform	2.852	83	17868	0.535	ppbv		98
34) 2-Butanone	2.567	43	31136	1.025	ppbv		99
35) Carbon Tetrachloride	3.768	117	2101m	0.066	ppbv		
36) Benzene	3.658	78	10752	0.264	ppbv	#	93
43) Methyl Methacrylate	4.878	69	1703m	0.118	ppbv		
53) Toluene	6.933	91	27249	0.624	ppbv		97
59) m/p-Xylene	9.532	91	8838m	0.187	ppbv		
61) Styrene	9.872	104	2754m	0.138	ppbv		
69) p-Isopropyltoluene	11.924	119	38819	0.540	ppbv		97
74) 1,2,4-Trimethylbenzene	11.539	105	12795m	0.252	ppbv		
79) Naphthalene	13.513	128	2069	0.471	ppbv	#	87

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

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