Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091025\
Data File : VL042924.D
Acq On : 10 Sep 2025 12:05
Operator : SY/MD
Sample : Q3052-02 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 11 01:11:52 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 09 00:52:26 2025
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/11/2025
Supervised By :Mahesh Dadoda 09/11/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.784	49	145473	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.952	114	373895	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	348255	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.374	95	272828	10.446	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.500%			
Target Compounds						Qvalue
3) Chlorodifluoromethane	1.473	51	4797	0.204	ppbv #	89
10) Heptane	4.972	43	131938	4.840	ppbv	100
13) Ethanol	1.719	45	238775	256.588	ppbv	91
15) Acetone	1.832	43	1819220	94.537	ppbv #	86
17) tert-Butyl alcohol	2.039	59	17921	0.785	ppbv #	92
20) Methylene Chloride	2.059	84	12308	1.527	ppbv	88
23) Vinyl Acetate	2.470	43	96668	3.653	ppbv #	49
26) Hexane	2.819	57	265272	12.339	ppbv #	44
27) Carbon Disulfide	2.146	76	15790	0.755	ppbv #	74
29) Chloroform	2.845	83	1113904	36.292	ppbv	98
34) 2-Butanone	2.557	43	68301	2.705	ppbv	99
36) Benzene	3.648	78	14190	0.396	ppbv #	92
38) Trichloroethene	4.541	130	3918m	0.240	ppbv	
40) 1,4-Dioxane	4.596	88	9124m	1.467	ppbv	
41) Tetrahydrofuran	3.062	42	7463m	0.530	ppbv	
42) Bromodichloromethane	4.483	83	68189	2.446	ppbv #	85
50) 4-Methyl-2-Pentanone	5.778	43	6438m	0.189	ppbv	
51) 2-Hexanone	7.432	43	106411m	3.963	ppbv	
52) Tetrachloroethene	8.225	164	1128682	87.140	ppbv	92
53) Toluene	6.927	91	124472	2.924	ppbv	99
58) Ethyl Benzene	9.354	91	44896	0.731	ppbv #	88
59) m/p-Xylene	9.529	91	103451	2.148	ppbv #	100
60) o-Xylene	9.963	91	49722	1.026	ppbv	96
62) Isopropylbenzene	10.539	105	12682	0.179	ppbv	94
72) 4-Ethyltoluene	11.121	105	10749	0.183	ppbv #	42
73) 1,3,5-Trimethylbenzene	11.202	105	15100	0.302	ppbv	89
74) 1,2,4-Trimethylbenzene	11.536	105	30248	0.552	ppbv #	56

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

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