Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL090425\
Data File : VL042896.D
Acq On : 04 Sep 2025 18:41
Operator : SY/MD
Sample : Q3000-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/05/2025
Supervised By :Mahesh Dadoda 09/05/2025

Quant Time: Sep 05 01:25:13 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 : Thu Aug 14 02:12:54 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	2.797	49	121887	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	3.972	114	317296	10.000	ppbv		0.00
55) Chlorobenzene-d5	8.895	117	269956	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	10.387	95	212487	10.495	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.000%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.502	85	8904	0.498	ppbv		94
3) Chlorodifluoromethane	1.479	51	20069	1.016	ppbv		98
4) Chloromethane	1.538	50	3344	0.464	ppbv		99
9) Propene	1.486	41	12586	1.476	ppbv		97
11) Trichlorofluoromethane	1.884	101	4432m	0.251	ppbv		
13) Ethanol	1.725	45	12605	16.166	ppbv		97
15) Acetone	1.842	43	64844	4.022	ppbv		95
19) Isopropyl Alcohol	1.894	45	20554	2.134	ppbv	#	39
20) Methylene Chloride	2.068	84	4141	0.613	ppbv	#	75
26) Hexane	2.839	57	9357	0.519	ppbv	#	55
34) 2-Butanone	2.570	43	7209	0.336	ppbv		96
35) Carbon Tetrachloride	3.777	117	2043m	0.093	ppbv		
36) Benzene	3.671	78	11374	0.374	ppbv		99
44) 2,2,4-Trimethylpentane	4.661	57	42566	0.825	ppbv	#	85
53) Toluene	6.953	91	72080	1.995	ppbv		100
58) Ethyl Benzene	9.370	91	6883	0.144	ppbv		92
59) m/p-Xylene	9.545	91	16076m	0.431	ppbv		
60) o-Xylene	9.972	91	6702m	0.178	ppbv		
61) Styrene	9.878	104	4364	0.248	ppbv		94
74) 1,2,4-Trimethylbenzene	11.549	105	6066	0.143	ppbv	#	63

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

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