

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041984.D
 Acq On : 10 Feb 2025 13:06
 Operator : SY/MD
 Sample : Q1302-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/11/2025
 Supervised By :Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 01:22:19 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.787	49	152629	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	3.955	114	437060	10.000	ppbv	-0.02
55) Chlorobenzene-d5	8.878	117	379198	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 290420 9.724 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.200%

Target Compounds

						Qvalue
10) Heptane	4.981	43	6876m	0.287	ppbv	
13) Ethanol	1.722	45	2288m	3.482	ppbv	
15) Acetone	1.835	43	281107	15.334	ppbv	99
17) tert-Butyl alcohol	2.046	59	2606	0.116	ppbv #	39
19) Isopropyl Alcohol	1.887	45	5145	0.473	ppbv #	1
20) Methylene Chloride	2.059	84	1302	0.180	ppbv #	78
25) Ethyl Acetate	2.826	43	12917	0.261	ppbv #	82
26) Hexane	2.826	57	15562	0.796	ppbv #	36
30) Cyclohexane	3.855	84	3523m	0.208	ppbv	
32) 1,1,1-Trichloroethane	3.366	97	1357m	0.046	ppbv	
34) 2-Butanone	2.560	43	18312	0.659	ppbv	95
41) Tetrahydrofuran	3.065	42	5497	0.364	ppbv #	85
50) 4-Methyl-2-Pentanone	5.755	43	76022	2.004	ppbv	98
51) 2-Hexanone	7.448	43	16952m	0.581	ppbv	
52) Tetrachloroethene	8.221	164	1072m	0.077	ppbv	
53) Toluene	6.933	91	133503	3.057	ppbv	99
58) Ethyl Benzene	9.351	91	14655	0.247	ppbv #	88
59) m/p-Xylene	9.526	91	42554	0.896	ppbv	93
60) o-Xylene	9.959	91	25754	0.546	ppbv	97
62) Isopropylbenzene	10.532	105	11485	0.157	ppbv	96
64) n-propylbenzene	10.989	120	5760m	0.312	ppbv	
65) tert-Butylbenzene	11.532	119	10354	0.156	ppbv #	70
67) sec-Butylbenzene	11.769	105	13343	0.146	ppbv	95
70) n-Butylbenzene	12.283	91	8970m	0.120	ppbv	
73) 1,3,5-Trimethylbenzene	11.202	105	28815	0.579	ppbv	97
74) 1,2,4-Trimethylbenzene	11.536	105	84353	1.564	ppbv #	56

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

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