

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL021025\
 Data File : VL041988.D
 Acq On : 10 Feb 2025 15:10
 Operator : SY/MD
 Sample : Q1303-02DL 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 01:24:28 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	2.781	49	145198	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	3.949	114	417155	10.000	ppbv	-0.03
55) Chlorobenzene-d5	8.872	117	374032	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.370	95	272910	9.264	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.600%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	1.463	51	4694	0.227	ppbv #	62
9) Propene	1.483	41	1269	0.149	ppbv #	82
10) Heptane	4.969	43	10389m	0.455	ppbv	
13) Ethanol	1.719	45	4123	6.595	ppbv #	31
15) Acetone	1.832	43	44172	2.533	ppbv	99
19) Isopropyl Alcohol	1.884	45	8564	0.828	ppbv #	1
20) Methylene Chloride	2.059	84	1053	0.153	ppbv #	71
26) Hexane	2.819	57	42250	2.272	ppbv #	36
34) 2-Butanone	2.557	43	18559	0.700	ppbv	93
41) Tetrahydrofuran	3.059	42	10695	0.742	ppbv	98
51) 2-Hexanone	7.435	43	62540m	2.247	ppbv	
52) Tetrachloroethene	8.212	164	1923m	0.145	ppbv	
53) Toluene	6.927	91	39223m	0.941	ppbv	
58) Ethyl Benzene	9.348	91	37277	0.638	ppbv #	89
59) m/p-Xylene	9.522	91	76654	1.636	ppbv	94
60) o-Xylene	9.956	91	40627	0.874	ppbv	100
62) Isopropylbenzene	10.532	105	24729	0.344	ppbv	99
64) n-propylbenzene	10.985	120	11898	0.654	ppbv	80
65) tert-Butylbenzene	11.529	119	12430	0.190	ppbv #	64
67) sec-Butylbenzene	11.762	105	30303m	0.336	ppbv	
69) p-Isopropyltoluene	11.921	119	13423	0.181	ppbv	95
70) n-Butylbenzene	12.274	91	12843	0.174	ppbv #	70
73) 1,3,5-Trimethylbenzene	11.199	105	40544	0.825	ppbv	100
74) 1,2,4-Trimethylbenzene	11.529	105	99391	1.868	ppbv #	55

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

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