

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072925\
 Data File : VL042783.D
 Acq On : 29 Jul 2025 14:59
 Operator : SY/MD
 Sample : Q2712-04DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA2DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/30/2025
 Supervised By : Mahesh Dadoda 07/30/2025

Quant Time: Jul 30 01:12:57 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 1 2025

QLast Update : Thu Jul 24 05:24:41 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	149234	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	414556	10.000	ppbv	0.01
55) Chlorobenzene-d5	8.891	117	375438	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	313505	10.544	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.400%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	18307	0.928	ppbv	95
3) Chlorodifluoromethane	1.473	51	60218m	2.343	ppbv	
4) Chloromethane	1.534	50	7001	0.877	ppbv #	86
10) Heptane	4.994	43	15666m	0.622	ppbv	
11) Trichlorofluoromethane	1.881	101	23955	1.178	ppbv	97
13) Ethanol	1.729	45	1614593	2372.579	ppbv	99
15) Acetone	1.839	43	375117	18.203	ppbv	99
19) Isopropyl Alcohol	1.890	45	108788	9.934	ppbv #	17
23) Vinyl Acetate	2.460	43	86222	3.451	ppbv #	91
25) Ethyl Acetate	2.842	43	753351	16.516	ppbv #	91
29) Chloroform	2.855	83	22312	0.722	ppbv	94
34) 2-Butanone	2.564	43	66086	2.250	ppbv	99
35) Carbon Tetrachloride	3.774	117	4493	0.146	ppbv #	84
36) Benzene	3.664	78	10676	0.272	ppbv #	90
44) 2,2,4-Trimethylpentane	4.651	57	11344m	0.177	ppbv	
50) 4-Methyl-2-Pentanone	5.781	43	26890m	0.711	ppbv	
51) 2-Hexanone	7.454	43	26717m	0.935	ppbv	
52) Tetrachloroethene	8.241	164	1848m	0.113	ppbv	
53) Toluene	6.946	91	74098	1.756	ppbv	99
58) Ethyl Benzene	9.367	91	12354	0.208	ppbv	96
59) m/p-Xylene	9.542	91	43951	0.928	ppbv	100
60) o-Xylene	9.975	91	22134	0.467	ppbv	93
61) Styrene	9.882	104	25657	1.288	ppbv	98
64) n-propylbenzene	10.998	120	5760	0.316	ppbv	92
69) p-Isopropyltoluene	11.934	119	52731	0.733	ppbv	99
72) 4-Ethyltoluene	11.131	105	28868m	0.511	ppbv	
73) 1,3,5-Trimethylbenzene	11.212	105	33945	0.729	ppbv	98
74) 1,2,4-Trimethylbenzene	11.542	105	129719	2.554	ppbv #	61
76) 1,4-Dichlorobenzene	11.681	146	11370	0.326	ppbv	94
79) Naphthalene	13.523	128	14648	0.689	ppbv	99

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

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