

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072925\
 Data File : VL042784.D
 Acq On : 29 Jul 2025 15:35
 Operator : SY/MD
 Sample : Q2712-05
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3

Manual Integrations
 APPROVED

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

Quant Time: Jul 30 01:13:46 2025

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

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

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	2.790	49	149475	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	412836	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	369597	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	302994	10.352	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	10053	0.509	ppbv	98
3) Chlorodifluoromethane	1.473	51	25597m	0.994	ppbv	
4) Chloromethane	1.531	50	5685	0.711	ppbv	91
5) Vinyl Chloride	1.577	62	291	0.037	ppbv #	78
9) Propene	1.483	41	6451m	0.689	ppbv	
10) Heptane	4.991	43	10495m	0.416	ppbv	
11) Trichlorofluoromethane	1.881	101	7217	0.354	ppbv	89
13) Ethanol	1.725	45	904849	1326.987	ppbv	92
15) Acetone	1.839	43	419725	20.335	ppbv	99
19) Isopropyl Alcohol	1.890	45	67692	6.172	ppbv #	1
25) Ethyl Acetate	2.842	43	274388	6.006	ppbv #	90
29) Chloroform	2.852	83	106698	3.445	ppbv	97
34) 2-Butanone	2.564	43	32223	1.102	ppbv	99
35) Carbon Tetrachloride	3.771	117	6342	0.207	ppbv	98
36) Benzene	3.664	78	10145	0.259	ppbv	94
41) Tetrahydrofuran	3.065	42	6611	0.444	ppbv #	56
44) 2,2,4-Trimethylpentane	4.651	57	9313	0.146	ppbv #	70
50) 4-Methyl-2-Pentanone	5.771	43	51635	1.371	ppbv	99
52) Tetrachloroethene	8.241	164	1176m	0.073	ppbv	
53) Toluene	6.943	91	59133	1.407	ppbv	100
58) Ethyl Benzene	9.364	91	8223	0.141	ppbv #	82
59) m/p-Xylene	9.535	91	27817m	0.596	ppbv	
60) o-Xylene	9.972	91	15404	0.330	ppbv	94
61) Styrene	9.882	104	16256	0.829	ppbv	93
64) n-propylbenzene	10.998	120	5296	0.295	ppbv	96
69) p-Isopropyltoluene	11.931	119	27703	0.391	ppbv #	94
72) 4-Ethyltoluene	11.128	105	25180	0.452	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.209	105	28346	0.618	ppbv	94
74) 1,2,4-Trimethylbenzene	11.542	105	99678	1.994	ppbv #	62
76) 1,4-Dichlorobenzene	11.678	146	7100	0.207	ppbv	89
79) Naphthalene	13.520	128	15482	0.708	ppbv #	95

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

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