

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042855.D
 Acq On : 13 Aug 2025 17:05
 Operator : SY/MD
 Sample : Q2794-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/14/2025
 Supervised By :Mahesh Dadoda 08/18/2025

Quant Time: Aug 14 02:18:36 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL081325AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 14 2025

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	130086	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.971	114	394015	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.894	117	342698	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	259097	10.081	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	8432	0.442	ppbv	98
4) Chloromethane	1.534	50	4329	0.563	ppbv	97
9) Propene	1.489	41	16679m	1.833	ppbv	
10) Heptane	4.997	43	38989m	1.600	ppbv	
11) Trichlorofluoromethane	1.881	101	3908	0.208	ppbv #	81
13) Ethanol	1.728	45	1138122	1367.693	ppbv	94
15) Acetone	1.839	43	551685	32.060	ppbv	100
17) tert-Butyl alcohol	2.052	59	4973m	0.244	ppbv	
19) Isopropyl Alcohol	1.890	45	614099	59.749	ppbv #	75
20) Methylene Chloride	2.065	84	6907	0.958	ppbv	91
25) Ethyl Acetate	2.845	43	163265m	3.920	ppbv	
26) Hexane	2.835	57	44914	2.336	ppbv #	37
29) Chloroform	2.855	83	7860	0.286	ppbv #	82
30) Cyclohexane	3.868	84	17522	1.040	ppbv	97
34) 2-Butanone	2.567	43	24547	0.923	ppbv	98
35) Carbon Tetrachloride	3.764	117	1884m	0.069	ppbv	
36) Benzene	3.667	78	46541	1.234	ppbv	95
43) Methyl Methacrylate	4.900	69	8920m	0.574	ppbv	
44) 2,2,4-Trimethylpentane	4.658	57	144106	2.250	ppbv #	89
50) 4-Methyl-2-Pentanone	5.787	43	7171m	0.199	ppbv	
52) Tetrachloroethene	8.237	164	700m	0.051	ppbv	
53) Toluene	6.949	91	490532	10.936	ppbv	98
58) Ethyl Benzene	9.367	91	98450	1.628	ppbv	100
59) m/p-Xylene	9.542	91	247723	5.226	ppbv #	100
60) o-Xylene	9.972	91	96410	2.022	ppbv	100
61) Styrene	9.885	104	3722	0.167	ppbv #	91
62) Isopropylbenzene	10.548	105	8044	0.115	ppbv	97
64) n-propylbenzene	10.995	120	6276	0.353	ppbv	96
69) p-Isopropyltoluene	11.934	119	18753	0.253	ppbv	96
72) 4-Ethyltoluene	11.134	105	31067	0.537	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.212	105	23528	0.479	ppbv	97
74) 1,2,4-Trimethylbenzene	11.545	105	99976	1.853	ppbv #	57
76) 1,4-Dichlorobenzene	11.681	146	4557	0.147	ppbv	88
79) Naphthalene	13.520	128	49732	1.017	ppbv	98
80) Naphthalene,2-methyl-	14.465	142	3925	0.215	ppbv	96

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

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