

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081325\
 Data File : VL042856.D
 Acq On : 13 Aug 2025 17:43
 Operator : SY/MD
 Sample : Q2794-01DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

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

Quant Time: Aug 14 02:19:17 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	2.793	49	128396	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.972	114	393431	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.895	117	334635	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.387	95	257886	10.276	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.800%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.502	85	8175	0.434	ppbv	96
4) Chloromethane	1.534	50	4213	0.555	ppbv #	87
9) Propene	1.489	41	17449m	1.943	ppbv	
10) Heptane	4.994	43	38056	1.582	ppbv	100
11) Trichlorofluoromethane	1.884	101	4166	0.224	ppbv	85
13) Ethanol	1.729	45	1155226	1406.519	ppbv	94
15) Acetone	1.839	43	559018	32.913	ppbv	99
17) tert-Butyl alcohol	2.052	59	5116m	0.254	ppbv	
19) Isopropyl Alcohol	1.890	45	625704	61.679	ppbv #	74
20) Methylene Chloride	2.068	84	6492	0.912	ppbv #	82
25) Ethyl Acetate	2.845	43	164136	3.993	ppbv #	96
26) Hexane	2.836	57	46115m	2.430	ppbv	
29) Chloroform	2.855	83	7795	0.288	ppbv	89
30) Cyclohexane	3.874	84	17066m	1.026	ppbv	
34) 2-Butanone	2.567	43	22988	0.865	ppbv	97
35) Carbon Tetrachloride	3.777	117	2056m	0.076	ppbv	
36) Benzene	3.667	78	48134	1.278	ppbv	96
43) Methyl Methacrylate	4.900	69	8831m	0.569	ppbv	
44) 2,2,4-Trimethylpentane	4.654	57	146940	2.298	ppbv	90
50) 4-Methyl-2-Pentanone	5.791	43	7264m	0.202	ppbv	
52) Tetrachloroethene	8.244	164	707m	0.052	ppbv	
53) Toluene	6.949	91	493089	11.009	ppbv	99
58) Ethyl Benzene	9.370	91	98105	1.661	ppbv	96
59) m/p-Xylene	9.542	91	251271	5.429	ppbv #	100
60) o-Xylene	9.976	91	95586	2.053	ppbv	99
61) Styrene	9.882	104	3364m	0.154	ppbv	
62) Isopropylbenzene	10.552	105	7611	0.112	ppbv	99
64) n-propylbenzene	10.998	120	6004	0.346	ppbv	92
69) p-Isopropyltoluene	11.934	119	20563	0.284	ppbv	97
72) 4-Ethyltoluene	11.134	105	30628	0.543	ppbv #	64
73) 1,3,5-Trimethylbenzene	11.212	105	23270	0.485	ppbv	93
74) 1,2,4-Trimethylbenzene	11.545	105	96672	1.835	ppbv #	59
76) 1,4-Dichlorobenzene	11.684	146	4550m	0.150	ppbv	
79) Naphthalene	13.520	128	51249	1.073	ppbv	95
80) Naphthalene,2-methyl-	14.465	142	3255	0.182	ppbv	97

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

Manual Integrations

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