

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092425\
 Data File : VL043007.D
 Acq On : 24 Sep 2025 13:31
 Operator : SY/MD
 Sample : Q3154-02 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Quant Time: Sep 25 01:55:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL092225AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Tue Sep 23 02:39:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	153511	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	468363	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	423322	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	329247	10.419	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 104.200%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	5397	0.261	ppbv	100
3) Chlorodifluoromethane	1.476	51	4525m	0.176	ppbv	
4) Chloromethane	1.534	50	2229	0.239	ppbv #	69
9) Propene	1.489	41	284054m	25.373	ppbv	
10) Heptane	4.988	43	32568	1.090	ppbv	99
11) Trichlorofluoromethane	1.881	101	7073	0.355	ppbv	91
13) Ethanol	1.722	45	50887	46.856	ppbv	96
15) Acetone	1.839	43	206043m	10.305	ppbv	
19) Isopropyl Alcohol	1.887	45	43645	3.631	ppbv #	1
20) Methylene Chloride	2.062	84	5362	0.246	ppbv	94
22) trans-1,2-Dichloroethene	2.347	96	1034	0.122	ppbv #	61
26) Hexane	2.829	57	82930	3.600	ppbv #	42
27) Carbon Disulfide	2.152	76	43286	2.095	ppbv #	1
30) Cyclohexane	3.861	84	91897	4.772	ppbv	96
32) 1,1,1-Trichloroethane	3.373	97	8561	0.263	ppbv	95
34) 2-Butanone	2.560	43	42998	1.310	ppbv	97
35) Carbon Tetrachloride	3.768	117	1254m	0.041	ppbv	
36) Benzene	3.661	78	53997	1.228	ppbv	99
38) Trichloroethene	4.551	130	17242	0.789	ppbv	95
41) Tetrahydrofuran	3.062	42	11968	0.634	ppbv	96
44) 2,2,4-Trimethylpentane	4.645	57	42705	0.562	ppbv #	69
52) Tetrachloroethene	8.228	164	13311	0.782	ppbv	94
53) Toluene	6.939	91	95651	1.837	ppbv	99
58) Ethyl Benzene	9.360	91	23962	0.345	ppbv	95
59) m/p-Xylene	9.535	91	54439	0.993	ppbv #	100
60) o-Xylene	9.966	91	35535	0.649	ppbv	100
61) Styrene	9.872	104	97357	3.758	ppbv	99
73) 1,3,5-Trimethylbenzene	11.205	105	8544	0.154	ppbv	97
74) 1,2,4-Trimethylbenzene	11.539	105	24496	0.399	ppbv #	67
79) Naphthalene	13.513	128	10737	0.198	ppbv #	94

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

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