

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092425\
 Data File : VL043008.D
 Acq On : 24 Sep 2025 14:06
 Operator : SY/MD
 Sample : Q3154-02DUP 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DUP

Quant Time: Sep 25 01:55:55 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	2.787	49	156171	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	479208	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	432263	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	328265	10.173	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	5597	0.266	ppbv #	82
3) Chlorodifluoromethane	1.476	51	3358m	0.128	ppbv	
4) Chloromethane	1.531	50	2082	0.219	ppbv #	86
9) Propene	1.489	41	287399m	25.235	ppbv	
10) Heptane	4.985	43	34182	1.125	ppbv	99
11) Trichlorofluoromethane	1.877	101	6964	0.344	ppbv	87
13) Ethanol	1.722	45	51563	46.670	ppbv	95
15) Acetone	1.835	43	209894m	10.319	ppbv	
19) Isopropyl Alcohol	1.887	45	43490	3.557	ppbv #	1
20) Methylene Chloride	2.062	84	5872	0.320	ppbv	89
22) trans-1,2-Dichloroethene	2.340	96	1004	0.116	ppbv	90
26) Hexane	2.829	57	85879	3.665	ppbv #	43
27) Carbon Disulfide	2.152	76	43414	2.066	ppbv #	1
30) Cyclohexane	3.861	84	94323	4.814	ppbv	98
32) 1,1,1-Trichloroethane	3.369	97	8650	0.261	ppbv	98
34) 2-Butanone	2.560	43	43876	1.306	ppbv	98
35) Carbon Tetrachloride	3.764	117	1159m	0.037	ppbv	
36) Benzene	3.661	78	56690	1.260	ppbv	98
38) Trichloroethene	4.551	130	17145	0.767	ppbv	97
41) Tetrahydrofuran	3.065	42	12642	0.655	ppbv	99
44) 2,2,4-Trimethylpentane	4.641	57	46849	0.603	ppbv #	43
52) Tetrachloroethene	8.228	164	14452	0.830	ppbv	87
53) Toluene	6.936	91	100347	1.884	ppbv	100
58) Ethyl Benzene	9.357	91	25737	0.363	ppbv	99
59) m/p-Xylene	9.535	91	58092	1.038	ppbv #	100
60) o-Xylene	9.966	91	35078	0.627	ppbv	93
61) Styrene	9.875	104	100933	3.815	ppbv	98
73) 1,3,5-Trimethylbenzene	11.202	105	8960	0.158	ppbv	99
74) 1,2,4-Trimethylbenzene	11.539	105	25760	0.411	ppbv #	64
79) Naphthalene	13.513	128	11623	0.210	ppbv #	93

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

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