

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101525\
 Data File : VL043117.D
 Acq On : 15 Oct 2025 10:50
 Operator : SY/MD
 Sample : Q3247-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 RR-VOAS-AIR

Quant Time: Oct 16 01:15:46 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101425AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 26 06:05:16 2022
 QLast Update : Wed Oct 15 02:12:58 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	93140	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	301002	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	265788	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	214126	10.365	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.600%
Target Compounds						
						Qvalue
22) trans-1,2-Dichloroethene	2.347	96	99446	18.300	ppbv	96
24) 1,1-Dichloroethane	2.415	63	320432	30.520	ppbv	98
29) Chloroform	2.855	83	1039307	50.002	ppbv	98
31) cis-1,2-Dichloroethene	2.726	61	478426	34.926	ppbv	97
36) Benzene	3.664	78	224626	7.923	ppbv	99
37) 1,2-Dichloroethane	3.224	62	652213	39.936	ppbv	97
39) 1,2-Dichloropropane	4.321	63	321440	31.014	ppbv	92
47) 1,1,2-Trichloroethane	6.587	97	293124	26.190	ppbv	96
52) Tetrachloroethene	8.234	164	371165	36.306	ppbv	92
53) Toluene	6.943	91	716914	21.307	ppbv	100
58) Ethyl Benzene	9.364	91	1287080	28.216	ppbv	97
59) m/p-Xylene	9.561	91	1843103	50.659	ppbv	99
60) o-Xylene	9.969	91	467143	13.000	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.969	83	400302	16.637	ppbv	99
73) 1,3,5-Trimethylbenzene	11.212	105	2075108	56.947	ppbv	100
74) 1,2,4-Trimethylbenzene	11.542	105	1418707	34.791	ppbv #	51
75) 1,3-Dichlorobenzene	11.613	146	484752	20.496	ppbv	98
76) 1,4-Dichlorobenzene	11.678	146	771622	32.356	ppbv	98

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

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