

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101525\
 Data File : VL043120.D
 Acq On : 15 Oct 2025 12:45
 Operator : SY/MD
 Sample : Q3247-01DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 RR-VOAS-AIRDL

Quant Time: Oct 16 01:17:28 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	89576	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.965	114	288687	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	249387	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	203489	10.498	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.000%
Target Compounds						
						Qvalue
22) trans-1,2-Dichloroethene	2.347	96	25231	4.828	ppbv	96
24) 1,1-Dichloroethane	2.415	63	80788	8.001	ppbv	98
29) Chloroform	2.855	83	283215	14.168	ppbv	99
31) cis-1,2-Dichloroethene	2.729	61	122690	9.313	ppbv	98
36) Benzene	3.664	78	53151	1.955	ppbv #	94
37) 1,2-Dichloroethane	3.227	62	167100	10.668	ppbv	97
39) 1,2-Dichloropropane	4.325	63	78315	7.879	ppbv	90
47) 1,1,2-Trichloroethane	6.590	97	69799	6.502	ppbv	96
52) Tetrachloroethene	8.235	164	96179	9.809	ppbv	93
53) Toluene	6.946	91	171862	5.326	ppbv	100
58) Ethyl Benzene	9.364	91	324415	7.580	ppbv	97
59) m/p-Xylene	9.562	91	505752	14.815	ppbv	98
60) o-Xylene	9.973	91	113752	3.374	ppbv	99
63) 1,1,2,2-Tetrachloroethane	9.969	83	101030	4.475	ppbv	100
73) 1,3,5-Trimethylbenzene	11.212	105	604320	17.675	ppbv	96
74) 1,2,4-Trimethylbenzene	11.542	105	383032	10.011	ppbv #	49
75) 1,3-Dichlorobenzene	11.614	146	123658	5.572	ppbv	99
76) 1,4-Dichlorobenzene	11.678	146	203090	9.076	ppbv	98

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

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