

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042281.D
 Acq On : 09 Apr 2025 01:49
 Operator : SY/MD
 Sample : Q1728-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B2-6-04022025

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/09/2025
 Supervised By :Semsettin Yesilyurt 04/10/2025

Quant Time: Apr 09 05:21:35 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 2

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.787	49	153705	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.958	114	388271	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	381682	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	292407	9.329	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	3000	0.132	ppbv	89
4) Chloromethane	1.534	50	1372	0.148	ppbv #	85
9) Propene	1.486	41	9825	0.925	ppbv #	15
10) Heptane	4.985	43	10112	0.358	ppbv	89
13) Ethanol	1.722	45	27425	27.301	ppbv	84
15) Acetone	1.835	43	1817333	84.541	ppbv #	87
17) tert-Butyl alcohol	2.042	59	18264	0.682	ppbv	95
20) Methylene Chloride	2.062	84	10120	1.264	ppbv #	81
26) Hexane	2.829	57	9763	0.453	ppbv #	32
30) Cyclohexane	3.858	84	3921	0.210	ppbv #	82
34) 2-Butanone	2.560	43	128691	4.571	ppbv	95
36) Benzene	3.658	78	11702	0.304	ppbv #	93
38) Trichloroethene	4.554	130	1226m	0.076	ppbv	
44) 2,2,4-Trimethylpentane	4.641	57	71853	1.105	ppbv #	79
50) 4-Methyl-2-Pentanone	5.781	43	8864m	0.199	ppbv	
53) Toluene	6.933	91	261772	5.737	ppbv	98
57) Chlorobenzene	8.920	112	6785	0.187	ppbv #	95
58) Ethyl Benzene	9.354	91	19066	0.281	ppbv	93
59) m/p-Xylene	9.532	91	46011	0.850	ppbv	98
60) o-Xylene	9.962	91	20160	0.371	ppbv	99
61) Styrene	9.872	104	4043	0.151	ppbv #	90
71) 2-Chlorotoluene	10.904	91	267528	4.247	ppbv	98
74) 1,2,4-Trimethylbenzene	11.535	105	7115	0.105	ppbv #	66

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

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