

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022625\
 Data File : VL042057.D
 Acq On : 26 Feb 2025 12:48
 Operator : SY/MD
 Sample : Q1430-05DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/27/2025
 Supervised By :Mahesh Dadoda 02/27/2025

Quant Time: Feb 27 01:53:47 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.794	49	157475	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.969	114	376491	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.892	117	312935	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.384	95	246340	10.232	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.499	85	6837	0.418	ppbv	90
3) Chlorodifluoromethane	1.476	51	6114m	0.267	ppbv	
4) Chloromethane	1.535	50	2648	0.437	ppbv	89
9) Propene	1.486	41	59708	6.404	ppbv	94
10) Heptane	4.998	43	13387	0.461	ppbv	90
11) Trichlorofluoromethane	1.881	101	3632	0.221	ppbv	91
13) Ethanol	1.722	45	88540	149.589	ppbv	92
15) Acetone	1.839	43	87371	6.283	ppbv #	82
16) 1,3-Butadiene	1.603	39	12815	1.980	ppbv #	34
19) Isopropyl Alcohol	1.891	45	13738	1.720	ppbv #	2
20) Methylene Chloride	2.066	84	81880	15.566	ppbv	96
26) Hexane	2.833	57	134902	5.995	ppbv #	35
29) Chloroform	2.855	83	7960	0.263	ppbv	98
30) Cyclohexane	3.868	84	4816	0.264	ppbv #	76
34) 2-Butanone	2.567	43	14826	0.505	ppbv	93
35) Carbon Tetrachloride	3.768	117	1790m	0.069	ppbv	
36) Benzene	3.664	78	148455	3.767	ppbv	97
44) 2,2,4-Trimethylpentane	4.652	57	91605	1.317	ppbv	93
50) 4-Methyl-2-Pentanone	5.794	43	15856m	0.418	ppbv	
52) Tetrachloroethene	8.231	164	459m	0.034	ppbv	
53) Toluene	6.946	91	250049	5.677	ppbv	98
58) Ethyl Benzene	9.364	91	33306	0.578	ppbv	94
59) m/p-Xylene	9.542	91	104874	2.287	ppbv #	100
60) o-Xylene	9.973	91	33778	0.733	ppbv	100
61) Styrene	9.885	104	3828m	0.177	ppbv	
72) 4-Ethyltoluene	11.131	105	8542	0.152	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.212	105	6591	0.135	ppbv #	81
74) 1,2,4-Trimethylbenzene	11.542	105	20277	0.369	ppbv #	60
79) Naphthalene	13.520	128	4136	0.110	ppbv #	74

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

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