

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020325\
 Data File : VL041962.D
 Acq On : 03 Feb 2025 13:57
 Operator : SY/MD
 Sample : Q1222-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/04/2025
 Supervised By :Mahesh Dadoda 02/04/2025

Quant Time: Feb 04 02:35:35 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL011425AIR.M

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

QLast Update : Tue Jan 14 23:15:42 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.793	49	159297	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	441984	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.888	117	404852	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	312689	9.806	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	2951	0.136	ppbv #	79
4) Chloromethane	1.534	50	1179	0.144	ppbv	96
9) Propene	1.486	41	30351	3.241	ppbv	89
10) Heptane	4.985	43	12032m	0.481	ppbv	
13) Ethanol	1.725	45	107420	156.617	ppbv	87
15) Acetone	1.839	43	39507	2.065	ppbv	99
19) Isopropyl Alcohol	1.890	45	108933	9.602	ppbv #	34
20) Methylene Chloride	2.065	84	11774	1.557	ppbv #	78
26) Hexane	2.832	57	67384	3.302	ppbv #	39
27) Carbon Disulfide	2.153	76	21096	1.045	ppbv #	1
29) Chloroform	2.855	83	3627	0.112	ppbv #	83
30) Cyclohexane	3.861	84	2131m	0.120	ppbv	
34) 2-Butanone	2.570	43	8793	0.313	ppbv	94
36) Benzene	3.667	78	8790	0.217	ppbv #	95
38) Trichloroethene	4.561	130	542m	0.034	ppbv	
41) Tetrahydrofuran	3.078	42	2353m	0.154	ppbv	
52) Tetrachloroethene	8.234	164	32706	2.327	ppbv	93
53) Toluene	6.949	91	14795	0.335	ppbv	94
58) Ethyl Benzene	9.364	91	10216	0.161	ppbv	89
59) m/p-Xylene	9.532	91	18053m	0.356	ppbv	
60) o-Xylene	9.969	91	11076m	0.220	ppbv	
62) Isopropylbenzene	10.545	105	14191	0.182	ppbv #	87
67) sec-Butylbenzene	11.775	105	10079m	0.103	ppbv	
73) 1,3,5-Trimethylbenzene	11.209	105	9214	0.173	ppbv #	85
74) 1,2,4-Trimethylbenzene	11.542	105	14454	0.251	ppbv #	49
78) Hexachloro-1,3-Butadiene	13.646	225	21171m	0.763	ppbv	
79) Naphthalene	13.118	128	98033m	1.691	ppbv	
80) Naphthalene,2-methyl-	14.309	142	37363m	1.359	ppbv	
81) 1,2,4-Trichlorobenzene	13.047	180	51438m	1.818	ppbv	

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

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