

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL030525\
 Data File : VL042101.D
 Acq On : 05 Mar 2025 13:16
 Operator : SY/MD
 Sample : Q1483-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 03/06/2025
 Supervised By : Mahesh Dadoda 03/06/2025

Quant Time: Mar 06 01:07:06 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri 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	2.806	49	170910	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.988	114	395541	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.917	117	368402	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.403	95	289610	10.218	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 102.200%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.505	85	4482	0.252	ppbv	99
3) Chlorodifluoromethane	1.483	51	195885m	7.886	ppbv	
4) Chloromethane	1.541	50	1611	0.245	ppbv #	86
9) Propene	1.489	41	20710	2.047	ppbv	89
10) Heptane	5.020	43	15091m	0.479	ppbv	
11) Trichlorofluoromethane	1.890	101	4168	0.234	ppbv	85
13) Ethanol	1.732	45	15231	23.710	ppbv	98
15) Acetone	1.848	43	280700	18.598	ppbv	94
19) Isopropyl Alcohol	1.900	45	14430	1.664	ppbv #	1
20) Methylene Chloride	2.078	84	2447	0.429	ppbv #	71
22) trans-1,2-Dichloroethene	2.357	96	8808	1.177	ppbv	85
26) Hexane	2.845	57	74480	3.049	ppbv #	34
29) Chloroform	2.868	83	50161	1.526	ppbv	95
31) cis-1,2-Dichloroethene	2.742	61	71664	3.100	ppbv	97
34) 2-Butanone	2.577	43	105117	3.411	ppbv	96
35) Carbon Tetrachloride	3.797	117	845m	0.031	ppbv	
36) Benzene	3.684	78	12204	0.295	ppbv	99
38) Trichloroethene	4.587	130	2161401	127.831	ppbv	98
41) Tetrahydrofuran	3.088	42	10168m	0.558	ppbv	
52) Tetrachloroethene	8.396	164	21700452m	1530.867	ppbv	
53) Toluene	6.972	91	52294m	1.130	ppbv	
58) Ethyl Benzene	9.387	91	27047	0.399	ppbv	93
59) m/p-Xylene	9.561	91	50697	0.939	ppbv #	100
60) o-Xylene	9.989	91	27448	0.506	ppbv	100
62) Isopropylbenzene	10.565	105	10157	0.125	ppbv	99
64) n-propylbenzene	11.011	120	5108	0.240	ppbv	75
69) p-Isopropyltoluene	11.947	119	13541	0.161	ppbv	96
73) 1,3,5-Trimethylbenzene	11.225	105	12204	0.212	ppbv	94
74) 1,2,4-Trimethylbenzene	11.558	105	18954	0.293	ppbv #	60

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

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