

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051425\
 Data File : VL042541.D
 Acq On : 14 May 2025 14:15
 Operator : SY/MD
 Sample : Q2037-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2025
 Supervised By :Mahesh Dadoda 05/15/2025

Quant Time: May 15 01:34:48 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051225AIR.M

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

QLast Update : Tue May 13 02:07:03 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.790	49	134546	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	3.965	114	408032	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.885	117	347758	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.380	95	299463	9.897	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.000%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.499	85	8985	0.411	ppbv	99
3) Chlorodifluoromethane	1.479	51	44558m	2.001	ppbv	
4) Chloromethane	1.534	50	6285	0.705	ppbv	98
9) Propene	1.489	41	25265	5.232	ppbv #	85
10) Heptane	4.991	43	5875m	0.318	ppbv	
11) Trichlorofluoromethane	1.881	101	4432	0.211	ppbv	83
13) Ethanol	1.722	45	398191	306.595	ppbv	100
15) Acetone	1.839	43	347538m	16.025	ppbv	
17) tert-Butyl alcohol	2.046	59	10606	0.534	ppbv #	72
19) Isopropyl Alcohol	1.887	45	231241	19.799	ppbv #	1
20) Methylene Chloride	2.065	84	6721	0.898	ppbv	91
26) Hexane	2.832	57	56507	3.646	ppbv #	53
29) Chloroform	2.852	83	52359	1.629	ppbv	99
30) Cyclohexane	3.865	84	17180	1.350	ppbv	92
34) 2-Butanone	2.564	43	22109	0.822	ppbv	97
35) Carbon Tetrachloride	3.771	117	4285m	0.117	ppbv	
36) Benzene	3.664	78	17040	0.471	ppbv	98
37) 1,2-Dichloroethane	3.221	62	6929	0.269	ppbv	99
41) Tetrahydrofuran	3.068	42	5133m	0.441	ppbv	
44) 2,2,4-Trimethylpentane	4.654	57	12329m	0.215	ppbv	
52) Tetrachloroethene	8.231	164	3466	0.251	ppbv #	85
53) Toluene	6.943	91	95844	2.701	ppbv	99
58) Ethyl Benzene	9.364	91	14851	0.313	ppbv	98
59) m/p-Xylene	9.539	91	38335	0.911	ppbv #	100
60) o-Xylene	9.969	91	17042	0.415	ppbv	91
61) Styrene	9.878	104	17521	1.151	ppbv	95
64) n-propylbenzene	10.995	120	2044m	0.130	ppbv	
69) p-Isopropyltoluene	11.930	119	8127	0.121	ppbv	95
72) 4-Ethyltoluene	11.131	105	9443	0.185	ppbv #	62
73) 1,3,5-Trimethylbenzene	11.209	105	10634	0.239	ppbv	98
74) 1,2,4-Trimethylbenzene	11.542	105	32735	0.599	ppbv #	64
76) 1,4-Dichlorobenzene	11.678	146	638942	19.620	ppbv	98
79) Naphthalene	13.520	128	7709	0.204	ppbv #	84
80) Naphthalene,2-methyl-	14.468	142	2848	0.130	ppbv #	86

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

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