

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
 Data File : VL042420.D
 Acq On : 28 Apr 2025 11:33
 Operator : SY/MD
 Sample : Q1665-07
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-DUP-1-3242025

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/29/2025
 Supervised By :Mahesh Dadoda 04/30/2025

Quant Time: Apr 29 01:34:21 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL041725AIR.M

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

QLast Update : Fri Apr 18 02:14:00 2025

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	2.777	49	141186	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	402115	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.868	117	352885	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.367 95 302328 10.426 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.495	85	10705	0.429	ppbv	100
3) Chlorodifluoromethane	1.470	51	5425m	0.228	ppbv	
4) Chloromethane	1.528	50	5568	0.564	ppbv	99
9) Propene	1.482	41	18668m	1.726	ppbv	
10) Heptane	4.965	43	14258m	0.469	ppbv	
11) Trichlorofluoromethane	1.871	101	4925	0.208	ppbv	88
13) Ethanol	1.719	45	472110	274.580	ppbv	77
15) Acetone	1.832	43	398840m	17.256	ppbv	
17) tert-Butyl alcohol	2.039	59	85888	2.999	ppbv	100
19) Isopropyl Alcohol	1.881	45	428440	33.369	ppbv #	66
20) Methylene Chloride	2.055	84	8914	0.985	ppbv	95
26) Hexane	2.816	57	53184	2.306	ppbv #	41
30) Cyclohexane	3.842	84	4557	0.244	ppbv #	88
34) 2-Butanone	2.554	43	26974	0.848	ppbv	98
35) Carbon Tetrachloride	3.761	117	2508m	0.069	ppbv	
36) Benzene	3.641	78	21444m	0.494	ppbv	
37) 1,2-Dichloroethane	3.208	62	12506	0.480	ppbv	98
41) Tetrahydrofuran	3.059	42	3145m	0.170	ppbv	
44) 2,2,4-Trimethylpentane	4.625	57	47245	0.631	ppbv #	85
50) 4-Methyl-2-Pentanone	5.748	43	18997	0.359	ppbv	100
52) Tetrachloroethene	8.215	164	871m	0.052	ppbv	
53) Toluene	6.920	91	226903	4.360	ppbv	99
58) Ethyl Benzene	9.344	91	36433	0.521	ppbv	97
59) m/p-Xylene	9.522	91	71388m	1.267	ppbv	
60) o-Xylene	9.956	91	28805	0.508	ppbv	99
61) Styrene	9.859	104	11652	0.430	ppbv	93
64) n-propylbenzene	10.979	120	2601	0.124	ppbv	72
72) 4-Ethyltoluene	11.118	105	9487	0.137	ppbv #	64
73) 1,3,5-Trimethylbenzene	11.196	105	9349	0.153	ppbv #	77
74) 1,2,4-Trimethylbenzene	11.529	105	32107	0.449	ppbv #	65

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

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