

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042319.D
 Acq On : 11 Apr 2025 14:27
 Operator : SY/MD
 Sample : Q1665-10
 Misc : 400mL/MSVOA_L
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B10-4-3242025

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/16/2025
 Supervised By :Mahesh Dadoda 04/17/2025

Quant Time: Apr 11 23:00:29 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL032725AIR.M

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

QLast Update : Fri Mar 28 02:00:52 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	2.787	49	190778	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.962	114	461210	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.885	117	383940	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	301822	9.573	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	10940	0.388	ppbv	100
3) Chlorodifluoromethane	1.476	51	8870m	0.308	ppbv	
4) Chloromethane	1.531	50	6976	0.606	ppbv	98
9) Propene	1.486	41	1470651m	111.500	ppbv	
10) Heptane	4.985	43	4922m	0.140	ppbv	
11) Trichlorofluoromethane	1.878	101	5102	0.186	ppbv	87
13) Ethanol	1.722	45	1088476	872.986	ppbv	86
15) Acetone	1.836	43	2047600	76.743	ppbv #	79
17) tert-Butyl alcohol	2.046	59	6995	0.210	ppbv #	37
19) Isopropyl Alcohol	1.891	45	3151010	209.311	ppbv #	32
20) Methylene Chloride	2.062	84	5890	0.593	ppbv	86
26) Hexane	2.826	57	60038	2.245	ppbv #	4
29) Chloroform	2.849	83	22740	0.581	ppbv	100
34) 2-Butanone	2.564	43	5516146	164.939	ppbv #	36
35) Carbon Tetrachloride	3.761	117	2766m	0.077	ppbv	
36) Benzene	3.655	78	21386	0.468	ppbv #	93
44) 2,2,4-Trimethylpentane	4.645	57	7908m	0.102	ppbv	
53) Toluene	6.937	91	22633m	0.418	ppbv	
59) m/p-Xylene	9.532	91	10027m	0.184	ppbv	
74) 1,2,4-Trimethylbenzene	11.539	105	7147	0.105	ppbv #	67

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

Manual Integrations

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