

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042318.D
 Acq On : 11 Apr 2025 13:52
 Operator : SY/MD
 Sample : Q1665-03DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B10-2-3242025DUP

Manual Integrations
 APPROVED

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

Quant Time: Apr 11 22:59:57 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	183054	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.958	114	442590	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.881	117	380933	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	304733	9.741	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	11308	0.418	ppbv	97
4) Chloromethane	1.531	50	6464	0.585	ppbv #	84
9) Propene	1.486	41	56403m	4.457	ppbv	
10) Heptane	4.981	43	6238m	0.185	ppbv	
11) Trichlorofluoromethane	1.877	101	5756	0.219	ppbv	90
13) Ethanol	1.722	45	1578950	1319.793	ppbv	94
15) Acetone	1.832	43	2101760	82.096	ppbv #	77
17) tert-Butyl alcohol	2.042	59	14809m	0.464	ppbv	
19) Isopropyl Alcohol	1.887	45	1201240	83.161	ppbv #	60
20) Methylene Chloride	2.059	84	15544	1.630	ppbv	90
26) Hexane	2.826	57	69684	2.715	ppbv	93
29) Chloroform	2.848	83	51580	1.373	ppbv	99
34) 2-Butanone	2.557	43	853001	26.579	ppbv	99
35) Carbon Tetrachloride	3.768	117	3050m	0.088	ppbv	
36) Benzene	3.654	78	26349	0.601	ppbv	94
52) Tetrachloroethene	8.218	164	626m	0.036	ppbv	
53) Toluene	6.936	91	26345m	0.507	ppbv	
59) m/p-Xylene	9.529	91	10928m	0.202	ppbv	
60) o-Xylene	9.962	91	6311m	0.117	ppbv	
74) 1,2,4-Trimethylbenzene	11.535	105	8971	0.132	ppbv #	75

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

Manual Integrations

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