

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041125\
 Data File : VL042321.D
 Acq On : 11 Apr 2025 15:36
 Operator : SY/MD
 Sample : Q1665-18
 Misc : 400mL/MSVOA_L
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B10-3-3242025

Manual Integrations
 APPROVED

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

Quant Time: Apr 11 23:01:40 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	184452	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.959	114	454008	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.882	117	391031	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.377	95	301415	9.386	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.900%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.499	85	11984	0.440	ppbv	90
3) Chlorodifluoromethane	1.473	51	5086m	0.183	ppbv	
4) Chloromethane	1.531	50	6779	0.609	ppbv	99
9) Propene	1.486	41	63490m	4.979	ppbv	
10) Heptane	4.975	43	6471m	0.191	ppbv	
11) Trichlorofluoromethane	1.877	101	5150	0.194	ppbv	94
13) Ethanol	1.722	45	1721714	1428.217	ppbv	97
15) Acetone	1.832	43	2336283	90.565	ppbv #	69
17) tert-Butyl alcohol	2.043	59	14483m	0.451	ppbv	
19) Isopropyl Alcohol	1.887	45	1254135	86.165	ppbv #	41
20) Methylene Chloride	2.062	84	8636	0.899	ppbv #	76
26) Hexane	2.826	57	70462	2.725	ppbv	92
29) Chloroform	2.848	83	55947	1.478	ppbv	100
34) 2-Butanone	2.557	43	746435	22.673	ppbv	99
35) Carbon Tetrachloride	3.764	117	2892m	0.082	ppbv	
36) Benzene	3.654	78	30723	0.683	ppbv	95
50) 4-Methyl-2-Pentanone	5.768	43	23404m	0.449	ppbv	
52) Tetrachloroethene	8.225	164	653m	0.037	ppbv	
53) Toluene	6.933	91	28699	0.538	ppbv	98
59) m/p-Xylene	9.529	91	11090m	0.200	ppbv	
60) o-Xylene	9.959	91	6064m	0.109	ppbv	
69) p-Isopropyltoluene	11.927	119	10463	0.114	ppbv #	93
74) 1,2,4-Trimethylbenzene	11.536	105	10882	0.156	ppbv #	68

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

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