

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL042825\
 Data File : VL042422.D
 Acq On : 28 Apr 2025 12:51
 Operator : SY/MD
 Sample : Q1665-16
 Misc : 400mL/MSVOA_L
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B2-5-3242025

Manual Integrations
 APPROVED

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

Quant Time: Apr 29 01:35:45 2025

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri 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	2.780	49	143445	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.949	114	401346	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.872	117	346372	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.367	95	304530	10.699	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	107.000%
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.495	85	10522	0.415	ppbv	95
3) Chlorodifluoromethane	1.473	51	6648m	0.275	ppbv	
4) Chloromethane	1.528	50	10118	1.009	ppbv #	85
9) Propene	1.483	41	13832m	1.259	ppbv	
10) Heptane	4.968	43	20505m	0.664	ppbv	
11) Trichlorofluoromethane	1.874	101	5172	0.215	ppbv	93
13) Ethanol	1.719	45	834583	477.751	ppbv	78
15) Acetone	1.832	43	273996	11.668	ppbv	98
17) tert-Butyl alcohol	2.039	59	7025m	0.241	ppbv	
19) Isopropyl Alcohol	1.881	45	382160	29.296	ppbv #	34
20) Methylene Chloride	2.059	84	5939	0.646	ppbv #	95
26) Hexane	2.816	57	74514	3.180	ppbv #	37
29) Chloroform	2.839	83	6046	0.183	ppbv #	82
30) Cyclohexane	3.849	84	9447	0.499	ppbv	90
34) 2-Butanone	2.554	43	25286	0.797	ppbv	99
35) Carbon Tetrachloride	3.751	117	3431m	0.094	ppbv	
36) Benzene	3.645	78	29627	0.684	ppbv #	91
41) Tetrahydrofuran	3.065	42	2983m	0.161	ppbv	
44) 2,2,4-Trimethylpentane	4.632	57	77694m	1.039	ppbv	
53) Toluene	6.923	91	350451	6.746	ppbv	99
58) Ethyl Benzene	9.348	91	39720	0.579	ppbv	94
59) m/p-Xylene	9.522	91	108081	1.955	ppbv	97
60) o-Xylene	9.956	91	38480	0.691	ppbv	95
61) Styrene	9.862	104	6537m	0.246	ppbv	
64) n-propylbenzene	10.982	120	2864	0.139	ppbv #	46
69) p-Isopropyltoluene	11.921	119	17184	0.189	ppbv	98
71) 2-Chlorotoluene	10.895	91	20426	0.319	ppbv	94
72) 4-Ethyltoluene	11.118	105	16614	0.244	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.199	105	16186	0.269	ppbv	92
74) 1,2,4-Trimethylbenzene	11.529	105	53644	0.764	ppbv #	61

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

