

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041725\
 Data File : VL042375.D
 Acq On : 18 Apr 2025 00:59
 Operator : SY/MD
 Sample : Q1668-03DL 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-B1-3-3252025DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/18/2025
 Supervised By :Mahesh Dadoda 04/18/2025

Quant Time: Apr 18 04:38:48 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	2.787	49	102685	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.955	114	291278	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.878	117	253844	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 10.374 95 212240 10.175 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 101.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.499	85	2776	0.153	ppbv	95
4) Chloromethane	1.531	50	1399	0.195	ppbv #	59
9) Propene	1.486	41	1821	0.231	ppbv	93
10) Heptane	4.978	43	9132	0.413	ppbv	97
13) Ethanol	1.719	45	62213	49.750	ppbv	76
15) Acetone	1.835	43	27092	1.612	ppbv	99
19) Isopropyl Alcohol	1.887	45	6854	0.734	ppbv #	1
20) Methylene Chloride	2.059	84	4314	0.655	ppbv #	91
26) Hexane	2.826	57	13454	0.802	ppbv #	34
30) Cyclohexane	3.852	84	6275	0.463	ppbv #	89
34) 2-Butanone	2.560	43	4829	0.210	ppbv	92
36) Benzene	3.658	78	5293m	0.168	ppbv	
50) 4-Methyl-2-Pentanone	5.755	43	153256	4.003	ppbv	98
53) Toluene	6.930	91	14415m	0.382	ppbv	
58) Ethyl Benzene	9.354	91	14757	0.293	ppbv	95
59) m/p-Xylene	9.529	91	84682	2.090	ppbv	99
60) o-Xylene	9.963	91	28511	0.699	ppbv	100
61) Styrene	9.869	104	4030m	0.207	ppbv	
64) n-propylbenzene	10.985	120	2319	0.154	ppbv #	52
70) n-Butylbenzene	12.287	91	8652m	0.125	ppbv	
72) 4-Ethyltoluene	11.121	105	17311	0.347	ppbv #	56
73) 1,3,5-Trimethylbenzene	11.202	105	20692	0.470	ppbv	100
74) 1,2,4-Trimethylbenzene	11.536	105	73024	1.420	ppbv #	61
79) Naphthalene	13.510	128	6160	0.100	ppbv #	96

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

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