

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031725\
 Data File : VL042154.D
 Acq On : 17 Mar 2025 12:51
 Operator : SY/MD
 Sample : Q1586-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 565-SG-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2025
 Supervised By :Mahesh Dadoda 03/18/2025

Quant Time: Mar 18 01:24:16 2025

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL022525AIR.M

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

QLast Update : Wed Feb 26 01:08:36 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	2.797	49	191555	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.978	114	526330	10.000	ppbv	0.00
55) Chlorobenzene-d5	8.901	117	471205	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.390	95	349708	9.647	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.499	85	3076	0.154	ppbv	97
9) Propene	1.483	41	25480m	2.247	ppbv	
10) Heptane	5.027	43	5052114	143.063	ppbv	86
13) Ethanol	1.725	45	21840	30.334	ppbv #	33
15) Acetone	1.835	43	508957m	30.087	ppbv	
26) Hexane	2.855	57	6634605	242.367	ppbv #	31
30) Cyclohexane	3.881	84	4024741	181.143	ppbv #	86
34) 2-Butanone	2.567	43	343349	8.374	ppbv	100
36) Benzene	3.677	78	3929144	71.311	ppbv #	75
38) Trichloroethene	4.580	130	2186m	0.097	ppbv	
52) Tetrachloroethene	8.247	164	84220	4.465	ppbv	93
53) Toluene	6.959	91	305311	4.958	ppbv	98
58) Ethyl Benzene	9.374	91	232110	2.675	ppbv	98
59) m/p-Xylene	9.548	91	672715	9.741	ppbv #	100
60) o-Xylene	9.982	91	201180	2.898	ppbv	97
62) Isopropylbenzene	10.555	105	22053	0.212	ppbv	93
64) n-propylbenzene	11.002	120	5898	0.216	ppbv	83
72) 4-Ethyltoluene	11.138	105	24902	0.294	ppbv #	55
73) 1,3,5-Trimethylbenzene	11.215	105	38025	0.517	ppbv	93
74) 1,2,4-Trimethylbenzene	11.549	105	74719	0.902	ppbv #	60

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

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