

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040825\
 Data File : VL042277.D
 Acq On : 08 Apr 2025 23:44
 Operator : SY/MD
 Sample : Q1728-01 2X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSSG-B14-2-04012025

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 04/09/2025
 Supervised By :Semsettin Yesilyurt 04/10/2025

Quant Time: Apr 09 02:02:31 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	2.793	49	164142	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	3.968	114	421001	10.000	ppbv	0.02
55) Chlorobenzene-d5	8.891	117	366383	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	10.383	95	289703	9.629	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.300%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.502	85	5920	0.244	ppbv	89
3) Chlorodifluoromethane	1.479	51	3537m	0.143	ppbv	
4) Chloromethane	1.534	50	2769	0.280	ppbv	95
9) Propene	1.489	41	3082m	0.272	ppbv	
10) Heptane	4.991	43	3495m	0.116	ppbv	
11) Trichlorofluoromethane	1.881	101	2451	0.104	ppbv	86
13) Ethanol	1.725	45	15149	14.122	ppbv	79
15) Acetone	1.839	43	611384	26.633	ppbv	96
19) Isopropyl Alcohol	1.890	45	1073145	82.853	ppbv #	31
20) Methylene Chloride	2.065	84	17035	1.992	ppbv	93
26) Hexane	2.832	57	14226	0.618	ppbv #	38
29) Chloroform	2.855	83	3922	0.116	ppbv	84
34) 2-Butanone	2.567	43	12029	0.394	ppbv	100
35) Carbon Tetrachloride	3.781	117	1268m	0.039	ppbv	
36) Benzene	3.664	78	6732	0.161	ppbv #	89
52) Tetrachloroethene	8.228	164	648m	0.039	ppbv	
53) Toluene	6.943	91	35716	0.722	ppbv	97
58) Ethyl Benzene	9.364	91	30797	0.473	ppbv	92
59) m/p-Xylene	9.542	91	95378	1.835	ppbv	99
60) o-Xylene	9.969	91	22277	0.428	ppbv	96
61) Styrene	9.875	104	6538	0.254	ppbv	92
74) 1,2,4-Trimethylbenzene	11.545	105	10923	0.167	ppbv #	66

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

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