

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061523\
 Data File : VL040469.D
 Acq On : 15 Jun 2023 16:01
 Operator : SY/MD
 Sample : 03250-01 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-02

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2023
 Supervised By :Mahesh Dadoda 06/16/2023

Quant Time: Jun 16 05:37:12 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060523AIR.M

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

QLast Update : Tue Jun 06 06:22:12 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.201	49	1063731	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.664	114	2698748	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2554248	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	2144447	10.172	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.700%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.729	85	178906	0.773	ppbv	94
4) Chloromethane	2.812	50	15105	0.224	ppbv	97
9) Propene	2.693	41	1698595	31.616	ppbv	93
10) Heptane	7.594	43	89709	0.738	ppbv	96
13) Ethanol	3.237	45	106966m	9.614	ppbv	
15) Acetone	3.468	43	2197969	17.131	ppbv #	33
17) tert-Butyl alcohol	3.880	59	811030	7.690	ppbv	100
20) Methylene Chloride	3.938	84	332795	6.077	ppbv	97
26) Hexane	5.221	57	496250	4.508	ppbv #	39
27) Carbon Disulfide	4.131	76	22210	0.161	ppbv #	89
34) 2-Butanone	4.787	43	4832922	37.137	ppbv	96
36) Benzene	6.378	78	160878	0.749	ppbv	97
44) 2,2,4-Trimethylpentane	7.340	57	158023	0.450	ppbv #	74
51) 2-Hexanone	9.565	43	942207	7.787	ppbv	95
52) Tetrachloroethene	10.632	164	41532	0.616	ppbv	89
53) Toluene	9.233	91	226999	1.004	ppbv	98
58) Ethyl Benzene	12.105	91	110205m	0.356	ppbv	
59) m/p-Xylene	12.362	91	280006	0.984	ppbv	97
60) o-Xylene	13.076	91	168552	0.625	ppbv	98
72) 4-Ethyltoluene	15.214	105	49878	0.164	ppbv #	83
73) 1,3,5-Trimethylbenzene	15.365	105	68494	0.255	ppbv	93
74) 1,2,4-Trimethylbenzene	16.121	105	305660	0.967	ppbv #	68

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

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