

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041639.D
 Acq On : 10 Oct 2024 12:49
 Operator : SY/MD
 Sample : P4339-02 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 05:39:29 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

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

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1204174	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3304761	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.462	117	2985899	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2257858	10.272	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.700%
Target Compounds						Qvalue
9) Propene	2.671	41	88303	1.433	ppbv	97
10) Heptane	7.568	43	51095	0.354	ppbv	94
13) Ethanol	3.227	45	47235m	10.198	ppbv	
15) Acetone	3.449	43	1123717	7.433	ppbv	93
16) 1,3-Butadiene	2.951	39	115663	1.573	ppbv #	19
17) tert-Butyl alcohol	3.867	59	21680	0.163	ppbv #	89
19) Isopropyl Alcohol	3.568	45	32051	0.414	ppbv #	92
20) Methylene Chloride	3.912	84	21466	0.378	ppbv #	84
26) Hexane	5.198	57	138879	1.227	ppbv #	37
27) Carbon Disulfide	4.108	76	200762	1.669	ppbv #	92
30) Cyclohexane	6.587	84	26789m	0.307	ppbv	
32) 1,1,1-Trichloroethane	5.992	97	19016m	0.115	ppbv	
34) 2-Butanone	4.771	43	1960022	12.438	ppbv	99
35) Carbon Tetrachloride	6.481	117	179658	1.108	ppbv	92
36) Benzene	6.356	78	65006	0.283	ppbv	96
44) 2,2,4-Trimethylpentane	7.317	57	50556	0.127	ppbv #	48
51) 2-Hexanone	9.552	43	192928	1.048	ppbv #	98
52) Tetrachloroethene	10.610	164	113081	1.361	ppbv	97
53) Toluene	9.214	91	405313	1.664	ppbv	100
58) Ethyl Benzene	12.082	91	33529m	0.105	ppbv	
59) m/p-Xylene	12.339	91	128080	0.450	ppbv	98
60) o-Xylene	13.053	91	56557	0.207	ppbv	95
74) 1,2,4-Trimethylbenzene	16.101	105	111568m	0.339	ppbv	

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

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