

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
 Data File : VL041052.D
 Acq On : 9 Feb 2024 11:06
 Operator : SY/MD
 Sample : P1420-04 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS2R

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

Quant Time: Feb 12 00:44:15 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M

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

QLast Update : Mon Feb 12 00:40:04 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.179	49	1108946	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2885148	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2643424	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2160491	10.821	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.722	85	28600	0.117	ppbv	91
10) Heptane	7.571	43	45998m	0.305	ppbv	
13) Ethanol	3.250	45	18145m	1.244	ppbv	
15) Acetone	3.465	43	332745	2.346	ppbv #	82
20) Methylene Chloride	3.925	84	22852	0.419	ppbv	99
26) Hexane	5.205	57	319478	2.915	ppbv #	39
34) 2-Butanone	4.783	43	254180	1.849	ppbv	95
36) Benzene	6.356	78	33712m	0.141	ppbv	
38) Trichloroethene	7.279	130	3736m	0.039	ppbv	
41) Tetrahydrofuran	5.578	42	11577m	0.124	ppbv	
51) 2-Hexanone	9.549	43	232972m	1.335	ppbv	
52) Tetrachloroethene	10.603	164	1460808	18.461	ppbv	99
53) Toluene	9.211	91	237999	0.912	ppbv	100
58) Ethyl Benzene	12.079	91	133676m	0.377	ppbv	
59) m/p-Xylene	12.330	91	414258	1.339	ppbv	93
60) o-Xylene	13.047	91	198623	0.669	ppbv	95
64) n-propylbenzene	14.912	120	29931m	0.270	ppbv	
65) tert-Butylbenzene	16.098	119	37149m	0.097	ppbv	
67) sec-Butylbenzene	16.619	105	75761m	0.136	ppbv	
72) 4-Ethyltoluene	15.185	105	92343	0.278	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.339	105	125632	0.427	ppbv	97
74) 1,2,4-Trimethylbenzene	16.095	105	271088	0.812	ppbv #	66
79) Naphthalene	21.368	128	24693m	0.130	ppbv	

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

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