

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
 Data File : VL041054.D
 Acq On : 9 Feb 2024 12:23
 Operator : SY/MD
 Sample : P1420-05 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS3

Manual Integrations
 APPROVED

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

Quant Time: Feb 12 00:45:17 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	5.185	49	1255804	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3437275	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	3206783	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2536412	10.472	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 104.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	26931	0.097	ppbv	95
10) Heptane	7.568	43	72910	0.428	ppbv	100
13) Ethanol	3.240	45	51962m	3.147	ppbv	
15) Acetone	3.465	43	341068	2.124	ppbv #	83
17) tert-Butyl alcohol	3.886	59	13263m	0.101	ppbv	
19) Isopropyl Alcohol	3.578	45	81264	0.874	ppbv #	81
20) Methylene Chloride	3.925	84	210604	3.408	ppbv	94
26) Hexane	5.208	57	619137	4.988	ppbv #	39
29) Chloroform	5.269	83	24630m	0.112	ppbv	
34) 2-Butanone	4.780	43	554228	3.384	ppbv	99
41) Tetrahydrofuran	5.574	42	28472m	0.256	ppbv	
51) 2-Hexanone	9.545	43	463820	2.231	ppbv #	86
52) Tetrachloroethene	10.603	164	119464	1.267	ppbv	91
53) Toluene	9.211	91	440439	1.416	ppbv	99
58) Ethyl Benzene	12.079	91	197241	0.458	ppbv	97
59) m/p-Xylene	12.336	91	610606	1.626	ppbv	93
60) o-Xylene	13.053	91	264405m	0.734	ppbv	
62) Isopropylbenzene	14.021	105	77552	0.146	ppbv	100
64) n-propylbenzene	14.915	120	29395m	0.218	ppbv	
72) 4-Ethyltoluene	15.185	105	88826	0.221	ppbv #	87
73) 1,3,5-Trimethylbenzene	15.339	105	102648m	0.287	ppbv	
74) 1,2,4-Trimethylbenzene	16.095	105	210502	0.520	ppbv #	61

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

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