

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
 Data File : VL040908.D
 Acq On : 27 Nov 2023 15:11
 Operator : SY/MD
 Sample : 05520-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/28/2023
 Supervised By :Mahesh Dadoda 11/28/2023

Quant Time: Nov 28 04:38:34 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M

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

QLast Update : Tue Nov 28 04:31:59 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.227	49	1182319	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.680	114	2941173	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.484	117	2490722	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.793	95	1881677	9.649	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.500%
Target Compounds						Qvalue
9) Propene	2.745	41	159672	2.510	ppbv	97
10) Heptane	7.603	43	15628m	0.100	ppbv	
13) Ethanol	3.298	45	69608	5.635	ppbv #	100
15) Acetone	3.517	43	420457	3.339	ppbv	90
17) tert-Butyl alcohol	3.935	59	26557	0.247	ppbv #	92
19) Isopropyl Alcohol	3.632	45	17971m	0.237	ppbv	
20) Methylene Chloride	3.976	84	177386	3.413	ppbv	94
26) Hexane	5.246	57	100209	0.868	ppbv #	50
27) Carbon Disulfide	4.166	76	14623m	0.100	ppbv	
34) 2-Butanone	4.828	43	611948	4.084	ppbv	98
44) 2,2,4-Trimethylpentane	7.352	57	188581	0.476	ppbv #	88
50) 4-Methyl-2-Pentanone	8.224	43	24756m	0.107	ppbv	
51) 2-Hexanone	9.584	43	85725m	0.524	ppbv	
52) Tetrachloroethene	10.629	164	2426m	0.030	ppbv	
53) Toluene	9.243	91	205440	0.782	ppbv	98
58) Ethyl Benzene	12.105	91	102454	0.315	ppbv	90
59) m/p-Xylene	12.355	91	329562m	1.191	ppbv	
60) o-Xylene	13.076	91	113463	0.431	ppbv	99
62) Isopropylbenzene	14.043	105	58982m	0.152	ppbv	
72) 4-Ethyltoluene	15.204	105	45599	0.157	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.371	105	32287m	0.126	ppbv	
74) 1,2,4-Trimethylbenzene	16.121	105	84732m	0.296	ppbv	

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

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