Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092723\
Data File : VL040729.D
Acq On : 27 Sep 2023 16:06
Operator : SY/MD
Sample : 04616-01DUP 4X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SSG2DUP

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/28/2023
Supervised By :Mahesh Dadoda 09/28/2023

Quant Time: Sep 28 01:44:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.185	49	1276945	10.000	ppbv		-0.01
33) 1,4-Difluorobenzene	6.639	114	3494937	10.000	ppbv		-0.02
55) Chlorobenzene-d5	11.442	117	3104513	10.000	ppbv		-0.04
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.754	95	2338703	9.750	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.738	85	32956	0.117	ppbv		93
3) Chlorodifluoromethane	2.684	51	16449m	0.079	ppbv		
9) Propene	2.709	41	57262	0.956	ppbv	#	81
13) Ethanol	3.243	45	558763	31.500	ppbv		97
15) Acetone	3.465	43	7834765	46.516	ppbv		92
17) tert-Butyl alcohol	3.880	59	204410	1.185	ppbv		100
19) Isopropyl Alcohol	3.581	45	200908	1.980	ppbv	#	93
20) Methylene Chloride	3.934	84	411612	4.540	ppbv		94
26) Hexane	5.205	57	362976	2.826	ppbv	#	38
27) Carbon Disulfide	4.124	76	84687	0.473	ppbv	#	89
29) Chloroform	5.266	83	162073	0.731	ppbv		97
34) 2-Butanone	4.783	43	455172	2.590	ppbv		94
36) Benzene	6.352	78	83609	0.323	ppbv	#	88
40) 1,4-Dioxane	7.278	88	54493m	1.447	ppbv		
41) Tetrahydrofuran	5.555	42	38658	0.429	ppbv	#	87
50) 4-Methyl-2-Pentanone	8.175	43	87723	0.369	ppbv		95
52) Tetrachloroethene	10.590	164	17801m	0.211	ppbv		
53) Toluene	9.198	91	275224	1.007	ppbv		99
58) Ethyl Benzene	12.066	91	96872	0.274	ppbv		94
59) m/p-Xylene	12.317	91	229634m	0.691	ppbv		
60) o-Xylene	13.031	91	89555m	0.283	ppbv		
61) Styrene	12.873	104	294678	2.218	ppbv		98
62) Isopropylbenzene	14.005	105	1004897	2.100	ppbv		100

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

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