Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112723\
Data File : VL040909.D
Acq On : 27 Nov 2023 16:01
Operator : SY/MD
Sample : 05520-01DL 5X
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 04:38:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
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	5.230	49	1210506	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.680	114	2886883	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.481	117	2553169	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.789	95	1961884	9.815	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.100%				
Target Compounds							Qvalue
4) Chloromethane	2.864	50	13331m	0.192	ppbv		
5) Vinyl Chloride	2.970	62	4469	0.065	ppbv	#	66
9) Propene	2.745	41	676425	10.385	ppbv		92
10) Heptane	7.603	43	65049	0.406	ppbv	#	83
13) Ethanol	3.288	45	308590	24.399	ppbv	#	100
15) Acetone	3.517	43	1776322	13.778	ppbv	#	89
17) tert-Butyl alcohol	3.928	59	116284	1.055	ppbv		94
19) Isopropyl Alcohol	3.629	45	65802m	0.848	ppbv		
20) Methylene Chloride	3.983	84	631320	11.866	ppbv		99
26) Hexane	5.250	57	411773	3.485	ppbv	#	54
27) Carbon Disulfide	4.166	76	62596	0.418	ppbv	#	58
30) Cyclohexane	6.639	84	15837m	0.156	ppbv		
34) 2-Butanone	4.822	43	2636777	17.929	ppbv		100
36) Benzene	6.404	78	85045	0.363	ppbv		97
41) Tetrahydrofuran	5.600	42	31736m	0.350	ppbv		
44) 2,2,4-Trimethylpentane	7.356	57	872667	2.242	ppbv		91
50) 4-Methyl-2-Pentanone	8.211	43	118531	0.521	ppbv		97
51) 2-Hexanone	9.574	43	421540	2.627	ppbv	#	98
52) Tetrachloroethene	10.626	164	10107m	0.128	ppbv		
53) Toluene	9.240	91	972614	3.772	ppbv		100
58) Ethyl Benzene	12.105	91	521055	1.564	ppbv		89
59) m/p-Xylene	12.355	91	1575804m	5.555	ppbv		
60) o-Xylene	13.072	91	603654	2.235	ppbv		97
62) Isopropylbenzene	14.043	105	288210	0.722	ppbv		97
64) n-propylbenzene	14.934	120	48092m	0.481	ppbv		
72) 4-Ethyltoluene	15.207	105	231772m	0.781	ppbv		
73) 1,3,5-Trimethylbenzene	15.368	105	155012	0.590	ppbv		89
74) 1,2,4-Trimethylbenzene	16.117	105	417776	1.426	ppbv	#	62

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

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Manual Integrations APPROVED

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