Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051623\
Data File : VL040443.D
Acq On : 16 May 2023 18:24
Operator : SY/MD
Sample : 02793-02 8X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
SG-2

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/17/2023
Supervised By :Mahesh Dadoda 05/17/2023

Quant Time: May 17 05:16:06 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL051623AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Wed May 17 05:12:40 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.208	49	1016107	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.671	114	2525813	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.491	117	2311290	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.806	95	1867460	10.048	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.732	85	24814	0.124	ppbv		99
3) Chlorodifluoromethane	2.677	51	14723m	0.112	ppbv		
4) Chloromethane	2.816	50	11826	0.145	ppbv	#	84
9) Propene	2.700	41	80710	1.581	ppbv		90
10) Heptane	7.600	43	518845	4.398	ppbv		100
13) Ethanol	3.240	45	654286	169.110	ppbv		94
15) Acetone	3.478	43	457111m	3.556	ppbv		
19) Isopropyl Alcohol	3.591	45	52108m	0.832	ppbv		
20) Methylene Chloride	3.941	84	3015925	52.668	ppbv		97
26) Hexane	5.230	57	3376418	33.645	ppbv	#	35
30) Cyclohexane	6.619	84	401825m	4.922	ppbv		
34) 2-Butanone	4.803	43	57265m	0.426	ppbv		
35) Carbon Tetrachloride	6.510	117	5571m	0.031	ppbv		
36) Benzene	6.391	78	463925	2.261	ppbv		98
41) Tetrahydrofuran	5.587	42	24171	0.324	ppbv	#	87
44) 2,2,4-Trimethylpentane	7.349	57	499059	1.470	ppbv	#	25
52) Tetrachloroethene	10.645	164	3587m	0.051	ppbv		
53) Toluene	9.246	91	2288528	10.562	ppbv		100
58) Ethyl Benzene	12.114	91	946298	3.235	ppbv		96
59) m/p-Xylene	12.372	91	2907676	10.899	ppbv		96
60) o-Xylene	13.085	91	1224278	4.822	ppbv		100
62) Isopropylbenzene	14.056	105	216711	0.584	ppbv		99
64) n-propylbenzene	14.947	120	113730	1.242	ppbv		79
67) sec-Butylbenzene	16.661	105	193674	0.413	ppbv		98
69) p-Isopropyltoluene	17.021	119	100420	0.273	ppbv		94
70) n-Butylbenzene	17.915	91	273140	0.666	ppbv	#	62
72) 4-Ethyltoluene	15.220	105	599301	2.082	ppbv		97
73) 1,3,5-Trimethylbenzene	15.378	105	592751	2.243	ppbv		94
74) 1,2,4-Trimethylbenzene	16.133	105	1712774	5.632	ppbv	#	71
79) Naphthalene	21.426	128	42645m	0.232	ppbv		

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

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