Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102522\
Data File : VL039796.D
Acq On : 25 Oct 2022 20:34
Operator : SY/AP
Sample : N5227-14
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 27 16:28:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL102422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Mon Oct 24 20:00:55 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
O

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt
10/28/2022
Supervised By :Mahesh Dadoda
10/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.202	49	762682	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.661	114	2266940	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.468	117	1981263	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.777	95	1432115	10.161	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.600%				
Target Compounds							Qvalue
9) Propene	2.710	41	256046	6.505	ppbv		87
10) Heptane	7.584	43	58271m	0.618	ppbv		
11) Trichlorofluoromethane	3.581	101	28388	0.254	ppbv		98
13) Ethanol	3.266	45	38982m	13.789	ppbv		
15) Acetone	3.485	43	1072671	11.775	ppbv		97
19) Isopropyl Alcohol	3.607	45	39394m	0.923	ppbv		
20) Methylene Chloride	3.948	84	450534	13.000	ppbv		99
26) Hexane	5.224	57	402613	5.437	ppbv	#	37
27) Carbon Disulfide	4.137	76	129001	1.467	ppbv		93
28) Methyl tert-Butyl Ether	4.607	73	15983m	0.248	ppbv		
29) Chloroform	5.285	83	17572	0.151	ppbv		96
30) Cyclohexane	6.607	84	12076	0.199	ppbv	#	33
32) 1,1,1-Trichloroethane	6.012	97	60129	0.569	ppbv		95
34) 2-Butanone	4.803	43	141935	1.331	ppbv	#	91
35) Carbon Tetrachloride	6.497	117	11228m	0.087	ppbv		
36) Benzene	6.378	78	210447	1.205	ppbv		97
38) Trichloroethene	7.301	130	26664m	0.271	ppbv		
52) Tetrachloroethene	10.619	164	599492	9.167	ppbv		96
53) Toluene	9.224	91	360176	1.969	ppbv		98
58) Ethyl Benzene	12.086	91	79792m	0.354	ppbv		
59) m/p-Xylene	12.349	91	207608m	1.019	ppbv		
60) o-Xylene	13.057	91	92054m	0.482	ppbv		
73) 1,3,5-Trimethylbenzene	15.352	105	27277m	0.139	ppbv		
74) 1,2,4-Trimethylbenzene	16.111	105	78427m	0.352	ppbv		
79) Naphthalene	21.378	128	22950m	0.168	ppbv		

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

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