Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081924\
Data File : VL041548.D
Acq On : 19 Aug 2024 14:56
Operator : SY/MD
Sample : P3658-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 20 02:17:32 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Aug 20 02:10:04 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
OA1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 08/20/2024
Supervised By :Mahesh Dadoda 08/20/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.211	49	917311	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.674	114	2464987	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.491	117	2247044	10.000	ppbv	#	0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.799	95	1716409	9.926	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.300%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.751	85	34506	0.219	ppbv		95
3) Chlorodifluoromethane	2.697	51	74794m	0.685	ppbv		
4) Chloromethane	2.835	50	30309	0.522	ppbv		91
9) Propene	2.726	41	168272	3.354	ppbv	#	69
10) Heptane	7.603	43	11867m	0.105	ppbv		
11) Trichlorofluoromethane	3.581	101	36710	0.262	ppbv		97
13) Ethanol	3.256	45	702772	156.742	ppbv		96
15) Acetone	3.488	43	1085173	10.412	ppbv		99
17) tert-Butyl alcohol	3.912	59	11131m	0.117	ppbv		
19) Isopropyl Alcohol	3.600	45	128528m	2.109	ppbv		
20) Methylene Chloride	3.954	84	382553	9.843	ppbv		96
26) Hexane	5.234	57	284433	3.311	ppbv	#	42
29) Chloroform	5.295	83	20644m	0.147	ppbv		
34) 2-Butanone	4.812	43	52719	0.442	ppbv	#	90
35) Carbon Tetrachloride	6.517	117	9038m	0.066	ppbv		
36) Benzene	6.394	78	44039m	0.245	ppbv		
37) 1,2-Dichloroethane	5.829	62	21674	0.215	ppbv	#	93
43) Methyl Methacrylate	7.497	69	10308m	0.160	ppbv		
52) Tetrachloroethene	10.635	164	25825m	0.371	ppbv		
53) Toluene	9.246	91	260499	1.298	ppbv		99
58) Ethyl Benzene	12.111	91	55200m	0.213	ppbv		
59) m/p-Xylene	12.372	91	178026m	0.796	ppbv		
60) o-Xylene	13.082	91	42620	0.202	ppbv		92
74) 1,2,4-Trimethylbenzene	16.137	105	30682m	0.123	ppbv		
76) 1,4-Dichlorobenzene	16.500	146	24218m	0.160	ppbv		

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

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