Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
Data File : VL041040.D
Acq On : 7 Feb 2024 14:41
Operator : SY/MD
Sample : P1393-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
OA-1

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 02/08/2024
Supervised By :Mahesh Dadoda 02/08/2024

Quant Time: Feb 08 02:44:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Feb 08 02:04:13 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.173	49	1032618	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	2606503	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2320226	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1777798	10.144	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 101.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.713	85	117636	0.516	ppbv	98
3) Chlorodifluoromethane	2.658	51	58307m	0.336	ppbv	
4) Chloromethane	2.793	50	30866	0.474	ppbv	92
10) Heptane	7.562	43	18331m	0.131	ppbv	
11) Trichlorofluoromethane	3.546	101	43251	0.235	ppbv	99
13) Ethanol	3.224	45	131871	9.713	ppbv	97
15) Acetone	3.456	43	419673	3.178	ppbv	95
20) Methylene Chloride	3.915	84	487202	9.588	ppbv	96
26) Hexane	5.195	57	379623	3.720	ppbv #	40
34) 2-Butanone	4.780	43	26987	0.217	ppbv	92
35) Carbon Tetrachloride	6.472	117	12116m	0.070	ppbv	
36) Benzene	6.346	78	26472	0.123	ppbv #	86
53) Toluene	9.201	91	82454m	0.350	ppbv	
59) m/p-Xylene	12.346	91	50104m	0.184	ppbv	

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

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