Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020724\
Data File : VL041039.D
Acq On : 7 Feb 2024 14:00
Operator : SY/MD
Sample : P1392-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 08 02:43:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Feb 08 02:04:13 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
OA1

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.169	49	1066970	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.629	114	2669493	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.442	117	2388347	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.751	95	1879284	10.418	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 104.200%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.706	85	115208	0.489	ppbv		99
3) Chlorodifluoromethane	2.652	51	47104m	0.262	ppbv		
4) Chloromethane	2.790	50	34865	0.518	ppbv		95
11) Trichlorofluoromethane	3.539	101	40193	0.212	ppbv		96
13) Ethanol	3.221	45	185632	13.232	ppbv		100
15) Acetone	3.446	43	708760	5.195	ppbv		98
20) Methylene Chloride	3.912	84	871768	16.604	ppbv		96
26) Hexane	5.189	57	508098	4.818	ppbv	#	57
34) 2-Butanone	4.771	43	21156	0.166	ppbv	#	89
35) Carbon Tetrachloride	6.471	117	12788m	0.072	ppbv		
36) Benzene	6.346	78	42456	0.193	ppbv		95
44) 2,2,4-Trimethylpentane	7.301	57	35464	0.096	ppbv	#	71
53) Toluene	9.201	91	70721	0.293	ppbv		95
59) m/p-Xylene	12.359	91	61329m	0.219	ppbv		

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

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