Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL091823\
Data File : VL040703.D
Acq On : 18 Sep 2023 17:44
Operator : SY/MD
Sample : 04402-03
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 19 05:20:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091423AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Tue Sep 19 05:12:43 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
ST-4

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/19/2023
Supervised By :Mahesh Dadoda 09/19/2023

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.195	49	1130245	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2891155	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.478	117	2334767	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1792745	9.938	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 99.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.726	85	111337	0.447	ppbv	88
3) Chlorodifluoromethane	2.671	51	66778m	0.363	ppbv	
4) Chloromethane	2.806	50	41329	0.586	ppbv	95
9) Propene	2.700	41	46106	0.869	ppbv #	81
10) Heptane	7.594	43	28250m	0.236	ppbv	
11) Trichlorofluoromethane	3.558	101	44901	0.205	ppbv	98
13) Ethanol	3.240	45	838151	53.384	ppbv	98
15) Acetone	3.465	43	1825969m	12.248	ppbv	
17) tert-Butyl alcohol	3.886	59	30002m	0.196	ppbv	
19) Isopropyl Alcohol	3.578	45	316627m	3.525	ppbv	
20) Methylene Chloride	3.931	84	3813812	47.529	ppbv	98
26) Hexane	5.218	57	2815991	24.768	ppbv #	37
27) Carbon Disulfide	4.131	76	18449m	0.116	ppbv	
29) Chloroform	5.279	83	21139	0.108	ppbv	90
30) Cyclohexane	6.610	84	17699m	0.207	ppbv	
34) 2-Butanone	4.793	43	141667	0.974	ppbv	95
35) Carbon Tetrachloride	6.497	117	13148m	0.066	ppbv	
36) Benzene	6.378	78	119807	0.560	ppbv	96
44) 2,2,4-Trimethylpentane	7.336	57	234242m	0.687	ppbv	
50) 4-Methyl-2-Pentanone	8.205	43	150064	0.764	ppbv	100
52) Tetrachloroethene	10.629	164	4615m	0.066	ppbv	
53) Toluene	9.230	91	675317	2.988	ppbv	99
58) Ethyl Benzene	12.105	91	29735m	0.112	ppbv	
59) m/p-Xylene	12.362	91	99426m	0.398	ppbv	
60) o-Xylene	13.069	91	29687	0.125	ppbv	97
74) 1,2,4-Trimethylbenzene	16.124	105	60429m	0.206	ppbv	

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

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