Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
Data File : VL040618.D
Acq On : 9 Aug 2023 23:22
Operator : SY/MD
Sample : 03950-02 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 10 01:33:57 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
SV2

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt
08/10/2023
Supervised By :Mahesh Dadoda
08/10/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.188	49	968906	10.000	ppbv		-0.01
33) 1,4-Difluorobenzene	6.655	114	2367670	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.474	117	2307641	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.812	95	1926321	10.547	ppbv		0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 105.500%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.716	85	39558	0.204	ppbv		93
4) Chloromethane	2.796	50	12184m	0.200	ppbv		
8) Dichlorotetrafluoroethane	2.848	85	165353	1.037	ppbv		94
9) Propene	2.684	41	359563	6.839	ppbv		95
11) Trichlorofluoromethane	3.555	101	22399	0.143	ppbv		91
13) Ethanol	3.246	45	21828m	1.908	ppbv		
15) Acetone	3.459	43	2121138	19.019	ppbv		90
17) tert-Butyl alcohol	3.889	59	29511	0.256	ppbv	#	71
18) 1,1-Dichloroethene	3.873	96	6032m	0.119	ppbv		
20) Methylene Chloride	3.928	84	376855	7.944	ppbv		98
24) 1,1-Dichloroethane	4.558	63	10881	0.101	ppbv		98
26) Hexane	5.211	57	185988	1.886	ppbv	#	38
27) Carbon Disulfide	4.118	76	64995	0.560	ppbv	#	88
29) Chloroform	5.272	83	149903	0.916	ppbv		98
30) Cyclohexane	6.610	84	47081m	0.574	ppbv		
32) 1,1,1-Trichloroethane	6.002	97	559927	3.498	ppbv		98
34) 2-Butanone	4.793	43	80098	0.685	ppbv		98
35) Carbon Tetrachloride	6.494	117	92444	0.649	ppbv		93
36) Benzene	6.372	78	20279	0.106	ppbv	#	90
38) Trichloroethene	7.294	130	23337	0.324	ppbv		94
44) 2,2,4-Trimethylpentane	7.327	57	101358	0.331	ppbv	#	56
52) Tetrachloroethene	10.616	164	77651m	1.259	ppbv		
53) Toluene	9.227	91	136661	0.660	ppbv		98
58) Ethyl Benzene	12.204	91	28989m	0.100	ppbv		
59) m/p-Xylene	12.442	91	50181m	0.194	ppbv		
60) o-Xylene	13.105	91	26143m	0.106	ppbv		

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

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