Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL080923\
Data File : VL040625.D
Acq On : 10 Aug 2023 8:38
Operator : SY/MD
Sample : 03950-02RE 2X
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Aug 10 10:07:11 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 :
SV2RE

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	5.195	49	1018104	10.000	ppbv		0.00
33) 1,4-Difluorobenzene	6.658	114	2583531	10.000	ppbv		0.00
55) Chlorobenzene-d5	11.481	117	2419737	10.000	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.818	95	1927432	10.065	ppbv		0.04
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.600%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.719	85	48393	0.238	ppbv		95
4) Chloromethane	2.851	50	21770	0.341	ppbv	#	46
8) Dichlorotetrafluoroethane	2.851	85	163536	0.976	ppbv		96
11) Trichlorofluoromethane	3.558	101	21885	0.133	ppbv		87
13) Ethanol	3.243	45	18293	1.522	ppbv	#	61
15) Acetone	3.465	43	1977626	16.875	ppbv	#	87
17) tert-Butyl alcohol	3.896	59	19070	0.157	ppbv	#	71
20) Methylene Chloride	3.931	84	477419	9.577	ppbv		98
24) 1,1-Dichloroethane	4.565	63	10578	0.093	ppbv	#	95
26) Hexane	5.214	57	260094	2.509	ppbv	#	40
27) Carbon Disulfide	4.121	76	62684	0.514	ppbv	#	84
29) Chloroform	5.282	83	142739	0.830	ppbv		96
30) Cyclohexane	6.606	84	53606	0.622	ppbv	#	83
32) 1,1,1-Trichloroethane	6.008	97	554151	3.294	ppbv		99
34) 2-Butanone	4.799	43	93854	0.735	ppbv		96
35) Carbon Tetrachloride	6.500	117	88909	0.572	ppbv		95
36) Benzene	6.378	78	22162	0.107	ppbv	#	91
38) Trichloroethene	7.295	130	26212m	0.333	ppbv		
44) 2,2,4-Trimethylpentane	7.336	57	122139m	0.365	ppbv		
52) Tetrachloroethene	10.629	164	78505m	1.166	ppbv		
53) Toluene	9.230	91	155848	0.690	ppbv		97
58) Ethyl Benzene	12.198	91	27266m	0.090	ppbv		
59) m/p-Xylene	12.433	91	54672m	0.202	ppbv		
60) o-Xylene	13.111	91	25566m	0.099	ppbv		

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

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