Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
Data File : VL040781.D
Acq On : 23 Oct 2023 16:35
Operator : SY/MD
Sample : 05004-02
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 05:36:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Thu Oct 12 00:21:08 2023
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
IA1

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 10/25/2023
Supervised By :Mahesh Dadoda 10/25/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Bromochloromethane	5.182	49	882446	10.000	ppbv		-0.03
33) 1,4-Difluorobenzene	6.642	114	2437866	10.000	ppbv		-0.03
55) Chlorobenzene-d5	11.449	117	2170627	10.000	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.757	95	1631149	10.213	ppbv		-0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.100%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.729	85	82860	0.533	ppbv		98
3) Chlorodifluoromethane	2.652	51	1188392	9.164	ppbv	#	62
4) Chloromethane	2.813	50	44828m	0.875	ppbv		
9) Propene	2.703	41	106381m	2.208	ppbv		
10) Heptane	7.565	43	55548	0.459	ppbv		89
11) Trichlorofluoromethane	3.558	101	38731	0.323	ppbv		95
12) 1,1,2-Trichlorotrifluo...	4.063	101	6557m	0.077	ppbv		
13) Ethanol	3.237	45	1064690	97.915	ppbv		97
15) Acetone	3.462	43	1601616	17.556	ppbv		99
16) 1,3-Butadiene	3.012	39	90267	1.886	ppbv	#	10
17) tert-Butyl alcohol	3.880	59	39045m	0.417	ppbv		
19) Isopropyl Alcohol	3.575	45	5414677	92.202	ppbv	#	38
20) Methylene Chloride	3.928	84	144398	3.800	ppbv		98
21) Allyl Chloride	4.227	41	5131	0.085	ppbv	#	22
23) Vinyl Acetate	4.610	43	83070	0.715	ppbv	#	66
25) Ethyl Acetate	5.198	43	154057	0.771	ppbv	#	88
26) Hexane	5.205	57	165253	1.809	ppbv	#	49
27) Carbon Disulfide	4.124	76	7205	0.071	ppbv	#	20
29) Chloroform	5.263	83	81841	0.619	ppbv		98
30) Cyclohexane	6.594	84	14589m	0.188	ppbv		
32) 1,1,1-Trichloroethane	5.989	97	213998	1.521	ppbv		96
34) 2-Butanone	4.780	43	93600	0.848	ppbv		93
35) Carbon Tetrachloride	6.478	117	11880m	0.087	ppbv		
36) Benzene	6.359	78	117251	0.625	ppbv	#	91
37) 1,2-Dichloroethane	5.796	62	32965	0.343	ppbv		98
43) Methyl Methacrylate	7.462	69	46252	0.616	ppbv		93
44) 2,2,4-Trimethylpentane	7.307	57	160177m	0.505	ppbv		
50) 4-Methyl-2-Pentanone	8.179	43	115501	0.612	ppbv		99
52) Tetrachloroethene	10.597	164	27314	0.359	ppbv		86
53) Toluene	9.205	91	788622	3.534	ppbv		98
58) Ethyl Benzene	12.069	91	312910	1.145	ppbv		96
59) m/p-Xylene	12.327	91	934918	4.156	ppbv		97
60) o-Xylene	13.037	91	269590m	1.258	ppbv		
61) Styrene	12.883	104	14644m	0.123	ppbv		
69) p-Isopropyltoluene	16.979	119	62083m	0.182	ppbv		
72) 4-Ethyltoluene	15.175	105	49441	0.197	ppbv	#	96
74) 1,2,4-Trimethylbenzene	16.085	105	166355	0.689	ppbv	#	70
76) 1,4-Dichlorobenzene	16.455	146	58246	0.392	ppbv		95
79) Naphthalene	21.371	128	62933m	0.321	ppbv		

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

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