Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
Data File : VL040782.D
Acq On : 23 Oct 2023 17:16
Operator : SY/MD
Sample : 05004-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 05:36:45 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	876298	10.000	ppbv		-0.03
33) 1,4-Difluorobenzene	6.642	114	2439616	10.000	ppbv		-0.03
55) Chlorobenzene-d5	11.449	117	2183602	10.000	ppbv		-0.03
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.761	95	1645251	10.240	ppbv		-0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.400%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.735	85	80999	0.525	ppbv		96
3) Chlorodifluoromethane	2.658	51	1175874	9.131	ppbv	#	62
4) Chloromethane	2.816	50	46604	0.916	ppbv	#	84
9) Propene	2.710	41	105403m	2.204	ppbv		
10) Heptane	7.568	43	63176	0.526	ppbv		94
11) Trichlorofluoromethane	3.558	101	43740	0.367	ppbv	#	83
12) 1,1,2-Trichlorotrifluo...	4.060	101	6338	0.075	ppbv		93
13) Ethanol	3.240	45	1070207	99.113	ppbv		99
15) Acetone	3.465	43	1592294	17.577	ppbv		99
17) tert-Butyl alcohol	3.886	59	35436m	0.381	ppbv		
19) Isopropyl Alcohol	3.578	45	5481924	94.002	ppbv	#	39
20) Methylene Chloride	3.928	84	129525	3.432	ppbv		99
23) Vinyl Acetate	4.607	43	72361m	0.627	ppbv		
25) Ethyl Acetate	5.205	43	143461	0.723	ppbv	#	90
26) Hexane	5.205	57	157983	1.742	ppbv	#	49
29) Chloroform	5.263	83	83201	0.634	ppbv		93
30) Cyclohexane	6.587	84	13752m	0.178	ppbv		
32) 1,1,1-Trichloroethane	5.992	97	214299	1.534	ppbv		98
34) 2-Butanone	4.780	43	95155	0.862	ppbv		96
35) Carbon Tetrachloride	6.475	117	11348m	0.083	ppbv		
36) Benzene	6.359	78	112455m	0.599	ppbv		
37) 1,2-Dichloroethane	5.796	62	30547	0.318	ppbv		97
43) Methyl Methacrylate	7.465	69	45499	0.606	ppbv		99
44) 2,2,4-Trimethylpentane	7.314	57	173543m	0.547	ppbv		
50) 4-Methyl-2-Pentanone	8.182	43	109915	0.582	ppbv		99
52) Tetrachloroethene	10.600	164	27548m	0.361	ppbv		
53) Toluene	9.201	91	774332	3.467	ppbv		99
58) Ethyl Benzene	12.073	91	304965	1.109	ppbv		94
59) m/p-Xylene	12.323	91	905688	4.003	ppbv		96
60) o-Xylene	13.040	91	259942	1.206	ppbv		98
61) Styrene	12.886	104	15336m	0.128	ppbv		
69) p-Isopropyltoluene	16.979	119	59377m	0.173	ppbv		
72) 4-Ethyltoluene	15.179	105	52413m	0.208	ppbv		
73) 1,3,5-Trimethylbenzene	15.333	105	50843m	0.229	ppbv		
74) 1,2,4-Trimethylbenzene	16.088	105	160400m	0.660	ppbv		
76) 1,4-Dichlorobenzene	16.458	146	51846	0.347	ppbv		88
79) Naphthalene	21.365	128	61122m	0.310	ppbv		

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL102323\
Data File : VL040782.D
Acq On : 23 Oct 2023 17:16
Operator : SY/MD
Sample : 05004-02DUP
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 24 05:36:45 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL101123AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
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