Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
Data File : VL041024.D
Acq On : 25 Jan 2024 9:49
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 26 00:24:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Jan 26 00:23:09 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.179	49	1131998	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	2761238	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.455	117	2829055m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.764	95	2104052	9.847	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.716	85	2185499	8.741	ppbv	98
3) Chlorodifluoromethane	2.661	51	1837336	9.650	ppbv	99
4) Chloromethane	2.800	50	697693	9.777	ppbv	99
5) Vinyl Chloride	2.906	62	725740	10.372	ppbv	100
6) Bromomethane	3.105	94	298918	9.812	ppbv	100
7) Chloroethane	3.182	64	251403	9.979	ppbv	96
8) Dichlorotetrafluoroethane	2.845	85	1761362	9.430	ppbv	99
9) Propene	2.681	41	600521	9.616	ppbv	96
10) Heptane	7.565	43	1520208	9.891	ppbv	99
11) Trichlorofluoromethane	3.549	101	1951730	9.688	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.054	101	1394773	9.553	ppbv	100
13) Ethanol	3.227	45	125536	8.434	ppbv	100
14) Bromoethene	3.353	108	565798	10.093	ppbv	99
15) Acetone	3.456	43	1296760	8.958	ppbv	98
16) 1,3-Butadiene	2.970	39	690422	9.970	ppbv	99
17) tert-Butyl alcohol	3.864	59	1125652	9.481	ppbv	99
18) 1,1-Dichloroethene	3.867	96	600965	9.614	ppbv	99
19) Isopropyl Alcohol	3.562	45	773539	9.231	ppbv	99
20) Methylene Chloride	3.919	84	502528	9.021	ppbv	96
21) Allyl Chloride	3.983	41	860107	9.779	ppbv	100
22) trans-1,2-Dichloroethene	4.433	96	612855	9.521	ppbv	96
23) Vinyl Acetate	4.613	43	1506395	10.095	ppbv	98
24) 1,1-Dichloroethane	4.552	63	1261270	9.528	ppbv	98
25) Ethyl Acetate	5.192	43	2524851	9.619	ppbv	100
26) Hexane	5.201	57	1077160	9.628	ppbv	99
27) Carbon Disulfide	4.111	76	1526324	10.483	ppbv	100
28) Methyl tert-Butyl Ether	4.571	73	837620	9.020	ppbv	97
29) Chloroform	5.259	83	1911550	9.633	ppbv	100
30) Cyclohexane	6.587	84	914856	9.759	ppbv	98
31) cis-1,2-Dichloroethene	5.066	61	1109963	10.570	ppbv	96
32) 1,1,1-Trichloroethane	5.992	97	1898107	10.008	ppbv	99
34) 2-Butanone	4.771	43	1420416	10.798	ppbv	99
35) Carbon Tetrachloride	6.481	117	2020367	10.972	ppbv	98
36) Benzene	6.356	78	2364961	10.371	ppbv	97
37) 1,2-Dichloroethane	5.793	62	1467071	10.542	ppbv	99
38) Trichloroethene	7.279	130	924134	10.108	ppbv	96
39) 1,2-Dichloropropane	7.063	63	928591	10.336	ppbv	97
40) 1,4-Dioxane	7.269	88	357639	9.585	ppbv	81
41) Tetrahydrofuran	5.542	42	955049	10.693	ppbv	99
42) Bromodichloromethane	7.237	83	2128235	10.688	ppbv	100
43) Methyl Methacrylate	7.462	69	988374	11.232	ppbv	99
44) 2,2,4-Trimethylpentane	7.314	57	3952904	10.302	ppbv	99
45) t-1,3-Dichloropropene	8.697	75	727381	12.097	ppbv	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
Data File : VL041024.D
Acq On : 25 Jan 2024 9:49
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 26 00:24:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug 1
QLast Update : Fri Jan 26 00:23:09 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024

	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	cis-1,3-Dichloropropene	8.131	75	861478	11.489	ppbv		98
47)	1,1,2-Trichloroethane	8.889	97	1004754	10.376	ppbv		98
48)	Dibromochloromethane	9.696	129	1794852	10.964	ppbv		99
49)	Bromoform	12.391	173	1520622	11.841	ppbv		99
50)	4-Methyl-2-Pentanone	8.169	43	2587157	11.168	ppbv		98
51)	2-Hexanone	9.536	43	1884163	11.283	ppbv	#	99
52)	Tetrachloroethene	10.603	164	819336	10.819	ppbv		98
53)	Toluene	9.208	91	2704396	10.825	ppbv		100
54)	1,2-Dibromoethane	9.995	107	1464006	11.164	ppbv		98
56)	1,1,1,2-Tetrachloroethane	11.494	131	1311413	9.662	ppbv		99
57)	Chlorobenzene	11.513	112	2136713	9.389	ppbv		100
58)	Ethyl Benzene	12.076	91	3738356	9.840	ppbv		100
59)	m/p-Xylene	12.359	91	6489070m	19.591	ppbv		
60)	o-Xylene	13.044	91	3115584	9.804	ppbv		99
61)	Styrene	12.883	104	1572712	10.778	ppbv		99
62)	Isopropylbenzene	14.015	105	4495005	9.564	ppbv		99
63)	1,1,2,2-Tetrachloroethane	13.034	83	2318047	9.385	ppbv		99
64)	n-propylbenzene	14.902	120	1151542	9.698	ppbv		98
65)	tert-Butylbenzene	16.076	119	3984943	9.705	ppbv		99
66)	Benzyl Chloride	16.314	91	301128	11.191	ppbv		99
67)	sec-Butylbenzene	16.619	105	5687346	9.512	ppbv		99
69)	p-Isopropyltoluene	16.979	119	4546254	9.816	ppbv		99
70)	n-Butylbenzene	17.870	91	4905064	9.801	ppbv		100
71)	2-Chlorotoluene	14.786	91	3562993	9.825	ppbv		99
72)	4-Ethyltoluene	15.175	105	3596023	10.132	ppbv		99
73)	1,3,5-Trimethylbenzene	15.339	105	3099790	9.841	ppbv		98
74)	1,2,4-Trimethylbenzene	16.095	105	3449234	9.659	ppbv		93
75)	1,3-Dichlorobenzene	16.317	146	1968529	9.687	ppbv		99
76)	1,4-Dichlorobenzene	16.458	146	1918692	9.568	ppbv		100
77)	1,2-Dichlorobenzene	17.127	146	1907180	9.442	ppbv		98
78)	Hexachloro-1,3-Butadiene	22.616	225	1086596	8.342	ppbv		99
79)	Naphthalene	21.365	128	2631924	12.920	ppbv		99
80)	Naphthalene,2-methyl-	24.361	142	534201	14.932	ppbv		96
81)	1,2,4-Trichlorobenzene	21.120	180	1271645	10.700	ppbv		98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL012524\
Data File : VL041024.D
Acq On : 25 Jan 2024 9:49
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jan 26 00:24:57 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Jan 26 00:23:09 2024
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/26/2024
Supervised By :Mahesh Dadoda 01/26/2024