Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050621\
Data File : VL036896.D
Acq On : 6 May 2021 9:32
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 08:17:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1505847	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3741629	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3386206m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.42	95	2958257	10.88	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 108.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.05	85	2264200	9.547	ppbv	99
3) Chlorodifluoromethane	2.99	51	2790780	10.175	ppbv	100
4) Chloromethane	3.14	50	972649	10.789	ppbv	96
5) Vinyl Chloride	3.26	62	946152	10.405	ppbv	96
6) Bromomethane	3.47	94	519140	10.616	ppbv	99
7) Chloroethane	3.56	64	333695	11.167	ppbv	89
8) Dichlorotetrafluoroethane	3.19	85	2310406	10.681	ppbv	98
9) Propene	3.01	41	872700	10.441	ppbv	100
10) Heptane	8.12	43	2270097	10.799	ppbv	96
11) Trichlorofluoromethane	3.95	101	2218853	10.481	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.48	101	1493202	10.539	ppbv	98
13) Ethanol	3.62	45	80770	7.578	ppbv	86
14) Bromoethene	3.74	108	618566	10.686	ppbv	98
15) Acetone	3.85	43	1262187	8.893	ppbv	99
16) 1,3-Butadiene	3.33	39	943380	10.395	ppbv	98
17) tert-Butyl alcohol	4.29	59	1427815	12.394	ppbv	99
18) 1,1-Dichloroethene	4.29	96	617407	10.027	ppbv	99
19) Isopropyl Alcohol	3.97	45	870207	12.374	ppbv #	97
20) Methylene Chloride	4.35	84	536860	7.910	ppbv	90
21) Allyl Chloride	4.41	41	1053500	9.989	ppbv	98
22) trans-1,2-Dichloroethene	4.89	96	595831	9.643	ppbv	98
23) Vinyl Acetate	5.08	43	2355017	12.198	ppbv #	98
24) 1,1-Dichloroethane	5.02	63	1641887	11.980	ppbv	99
25) Ethyl Acetate	5.68	43	3483243	10.047	ppbv	99
26) Hexane	5.69	57	1612593	9.942	ppbv	98
27) Carbon Disulfide	4.55	76	1651243	11.720	ppbv	99
28) Methyl tert-Butyl Ether	5.04	73	1822356	12.675	ppbv	100
29) Chloroform	5.75	83	2683288	10.611	ppbv	98
30) Cyclohexane	7.13	84	1441402	11.206	ppbv	94
31) cis-1,2-Dichloroethene	5.55	61	1597225	10.970	ppbv	98
32) 1,1,1-Trichloroethane	6.51	97	2677250	10.411	ppbv	99
34) 2-Butanone	5.25	43	1673411	10.210	ppbv	100
35) Carbon Tetrachloride	7.02	117	2836129	11.171	ppbv	99
36) Benzene	6.89	78	3437215	10.903	ppbv	99
37) 1,2-Dichloroethane	6.31	62	1974261	11.059	ppbv	99
38) Trichloroethene	7.83	130	1265832	11.278	ppbv	98
39) 1,2-Dichloropropane	7.62	63	1361886	10.783	ppbv	97
40) 1,4-Dioxane	7.83	88	364313m	11.945	ppbv	
41) Tetrahydrofuran	6.06	42	772924	10.780	ppbv	98
42) Bromodichloromethane	7.79	83	2868140	11.563	ppbv	99
43) Methyl Methacrylate	8.02	69	1241200	12.066	ppbv	96

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050621\
Data File : VL036896.D
Acq On : 6 May 2021 9:32
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 08:17:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	5824446	10.781	ppbv		99
45) t-1,3-Dichloropropene	9.28	75	1365078	12.310	ppbv		98
46) cis-1,3-Dichloropropene	8.71	75	1750711	12.313	ppbv		99
47) 1,1,2-Trichloroethane	9.48	97	1433806	10.965	ppbv		98
48) Dibromochloromethane	10.31	129	2308114	11.912	ppbv		98
49) Bromoform	13.04	173	1898817	12.276	ppbv		99
50) 4-Methyl-2-Pentanone	8.74	43	2585064	11.539	ppbv		98
51) 2-Hexanone	10.14	43	1293478	11.576	ppbv	#	99
52) Tetrachloroethene	11.22	164	1149568	10.709	ppbv		98
53) Toluene	9.81	91	3873464	11.742	ppbv		100
54) 1,2-Dibromoethane	10.61	107	1995544	10.810	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.12	131	1583212	11.152	ppbv	#	64
57) Chlorobenzene	12.15	112	2871117	10.886	ppbv		97
58) Ethyl Benzene	12.71	91	5160020	12.014	ppbv		99
59) m/p-Xylene	13.00	91	8861393m	23.084	ppbv		
60) o-Xylene	13.69	91	4213118	11.351	ppbv		100
61) Styrene	13.53	104	2385822	13.688	ppbv		98
62) Isopropylbenzene	14.67	105	5586446	11.062	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.67	83	3114729	10.468	ppbv		99
64) n-propylbenzene	15.56	120	1484385	11.794	ppbv		98
65) tert-Butylbenzene	16.74	119	4972419	11.137	ppbv		99
66) Benzyl Chloride	16.99	91	498450	11.418	ppbv		100
67) sec-Butylbenzene	17.29	105	7002912	11.295	ppbv		100
69) p-Isopropyltoluene	17.65	119	5762277	11.593	ppbv		99
70) n-Butylbenzene	18.55	91	5962469	11.901	ppbv		99
71) 2-Chlorotoluene	15.45	91	4327586	11.571	ppbv		100
72) 4-Ethyltoluene	15.84	105	4857371	12.193	ppbv		99
73) 1,3,5-Trimethylbenzene	16.00	105	4439543	11.491	ppbv		100
74) 1,2,4-Trimethylbenzene	16.76	105	4638534	11.302	ppbv		98
75) 1,3-Dichlorobenzene	17.00	146	2663275	10.978	ppbv		100
76) 1,4-Dichlorobenzene	17.14	146	2558217	10.775	ppbv		98
77) 1,2-Dichlorobenzene	17.82	146	2571671	10.853	ppbv		100
78) Hexachloro-1,3-Butadiene	23.37	225	1847395	9.175	ppbv		100
79) Naphthalene	22.20	128	2906678	12.646	ppbv		97
80) Naphthalene,2-methyl-	24.98	142	468176	18.471	ppbv		95
81) 1,2,4-Trichlorobenzene	21.93	180	1679787	11.298	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL050621\
Data File : VL036896.D
Acq On : 6 May 2021 9:32
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: May 07 08:17:50 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL042721
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Apr 27 16:56:35 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 05/08/2021
Supervised By :Mahesh Dadoda 05/10/2021