Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030422\
Data File : VL038533.D
Acq On : 4 Mar 2022 14:16
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 05 15:42:13 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1037432	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	2596248	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.04	117	2315879m	10.00	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	1917495	10.01	ppbv	-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.10%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.03	85	2118745m	12.894	ppbv	
3) Chlorodifluoromethane	2.98	51	1824014	9.957	ppbv	100
4) Chloromethane	3.12	50	636814	10.005	ppbv	97
5) Vinyl Chloride	3.24	62	650129	9.770	ppbv	98
6) Bromomethane	3.46	94	346865	9.882	ppbv	92
7) Chloroethane	3.54	64	220329	10.309	ppbv	95
8) Dichlorotetrafluoroethane	3.17	85	1576187	10.312	ppbv	99
9) Propene	3.00	41	610842	10.099	ppbv	99
10) Heptane	8.09	43	1537845	10.445	ppbv	100
11) Trichlorofluoromethane	3.93	101	1589021	10.101	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.46	101	1190957	10.326	ppbv	98
13) Ethanol	3.58	45	61606	10.206	ppbv	94
14) Bromoethene	3.72	108	488522	10.632	ppbv	97
15) Acetone	3.83	43	790790	8.963	ppbv	96
16) 1,3-Butadiene	3.31	39	597601	10.141	ppbv	93
17) tert-Butyl alcohol	4.26	59	976017	11.089	ppbv	99
18) 1,1-Dichloroethene	4.27	96	529286	10.452	ppbv	95
19) Isopropyl Alcohol	3.94	45	538086	10.533	ppbv	99
20) Methylene Chloride	4.32	84	428220	9.796	ppbv	94
21) Allyl Chloride	4.39	41	829614	11.134	ppbv	97
22) trans-1,2-Dichloroethene	4.86	96	574296	11.241	ppbv	99
23) Vinyl Acetate	5.04	43	1320810	11.297	ppbv	99
24) 1,1-Dichloroethane	4.98	63	1103535	10.499	ppbv	99
25) Ethyl Acetate	5.65	43	2441904	10.302	ppbv	100
26) Hexane	5.65	57	1120830	10.442	ppbv	97
27) Carbon Disulfide	4.53	76	1367760	11.456	ppbv	99
28) Methyl tert-Butyl Ether	5.01	73	1188839	10.874	ppbv	100
29) Chloroform	5.72	83	1774019	10.126	ppbv	99
30) Cyclohexane	7.10	84	951059	10.834	ppbv	96
31) cis-1,2-Dichloroethene	5.52	61	1038046	9.982	ppbv	95
32) 1,1,1-Trichloroethane	6.48	97	1820908	10.335	ppbv	99
34) 2-Butanone	5.21	43	892505	10.930	ppbv	100
35) Carbon Tetrachloride	6.98	117	1904252	10.431	ppbv	99
36) Benzene	6.86	78	2362549	10.337	ppbv	98
37) 1,2-Dichloroethane	6.28	62	1373293	10.398	ppbv	100
38) Trichloroethene	7.80	130	859458	10.324	ppbv	95
39) 1,2-Dichloropropane	7.58	63	929306	10.208	ppbv	98
40) 1,4-Dioxane	7.80	88	238369	11.039	ppbv	78
41) Tetrahydrofuran	6.02	42	602555	10.922	ppbv	98
42) Bromodichloromethane	7.75	83	2008958	10.534	ppbv	97
43) Methyl Methacrylate	7.98	69	882436	11.106	ppbv	98

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030422\
Data File : VL038533.D
Acq On : 4 Mar 2022 14:16
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 05 15:42:13 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222A
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.83	57	3938064	10.024	ppbv		99
45) t-1,3-Dichloropropene	9.24	75	829769	13.067	ppbv		99
46) cis-1,3-Dichloropropene	8.66	75	1017163	12.222	ppbv		97
47) 1,1,2-Trichloroethane	9.44	97	935760	10.332	ppbv		98
48) Dibromochloromethane	10.27	129	1629388	11.002	ppbv		99
49) Bromoform	13.00	173	1254831	11.479	ppbv		99
50) 4-Methyl-2-Pentanone	8.71	43	1620705	11.226	ppbv		98
51) 2-Hexanone	10.10	43	737340	11.408	ppbv	#	97
52) Tetrachloroethene	11.18	164	755132	9.952	ppbv		98
53) Toluene	9.77	91	2620116	10.558	ppbv		100
54) 1,2-Dibromoethane	10.57	107	1405117	11.021	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.09	131	1059088	10.972	ppbv		98
57) Chlorobenzene	12.11	112	1895226	10.607	ppbv		98
58) Ethyl Benzene	12.67	91	3515383	11.100	ppbv		100
59) m/p-Xylene	12.96	91	5929575m	21.802	ppbv		
60) o-Xylene	13.65	91	2821925	10.976	ppbv		99
61) Styrene	13.49	104	1445176	12.187	ppbv		100
62) Isopropylbenzene	14.63	105	3677457	10.657	ppbv		99
63) 1,1,2,2-Tetrachloroethane	13.64	83	2051296	9.820	ppbv		100
64) n-propylbenzene	15.52	120	936819	10.965	ppbv		96
65) tert-Butylbenzene	16.71	119	3199651	10.705	ppbv		99
66) Benzyl Chloride	16.95	91	227764m	14.103	ppbv		
67) sec-Butylbenzene	17.25	105	4489828	10.602	ppbv		100
69) p-Isopropyltoluene	17.61	119	3658394	10.998	ppbv		99
70) n-Butylbenzene	18.51	91	3872942	11.251	ppbv		100
71) 2-Chlorotoluene	15.41	91	2933968	11.057	ppbv		99
72) 4-Ethyltoluene	15.80	105	3194143	11.276	ppbv		100
73) 1,3,5-Trimethylbenzene	15.96	105	2851807	11.086	ppbv		100
74) 1,2,4-Trimethylbenzene	16.72	105	3002504	11.055	ppbv		98
75) 1,3-Dichlorobenzene	16.95	146	1642320	10.796	ppbv		99
76) 1,4-Dichlorobenzene	17.10	146	1577864	10.518	ppbv		98
77) 1,2-Dichlorobenzene	17.77	146	1550842	10.591	ppbv		99
78) Hexachloro-1,3-Butadiene	23.33	225	1053458	9.433	ppbv		99
79) Naphthalene	22.15	128	1886809	12.821	ppbv		99
80) Naphthalene,2-methyl-	24.94	142	399162	13.879	ppbv		95
81) 1,2,4-Trichlorobenzene	21.88	180	1055604	11.864	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030422\
Data File : VL038533.D
Acq On : 4 Mar 2022 14:16
Operator : SY/AP
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Mar 05 15:42:13 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
QLast Update : Tue Feb 22 19:45:51 2022
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022