Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
Data File : VL037943.D
Acq On : 1 Nov 2021 17:41
Operator : SY/AP
Sample : VL1101ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 02 06:07:05 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01

Manual Integrations APPROVED
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.661	49	1583671	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	4658057	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	4290807m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.404	95	3196031	10.247	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 102.500%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.051	85	1925823	8.631	ppbv	100
3) Chlorodifluoromethane	2.989	51	2578237	8.745	ppbv	99
4) Chloromethane	3.141	50	1004233	8.963	ppbv	100
5) Vinyl Chloride	3.256	62	951550	8.812	ppbv	94
6) Bromomethane	3.478	94	528154	9.054	ppbv	94
7) Chloroethane	3.555	64	322368	8.270	ppbv	98
8) Dichlorotetrafluoroethane	3.189	85	2216389	8.623	ppbv	99
9) Propene	3.012	41	939728	8.890	ppbv	97
10) Heptane	8.115	43	2368555	9.631	ppbv	99
11) Trichlorofluoromethane	3.948	101	2027906	9.127	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.481	101	1501179	8.667	ppbv	97
13) Ethanol	3.613	45	95167m	8.924	ppbv	
14) Bromoethene	3.739	108	691976	9.133	ppbv	99
15) Acetone	3.845	43	1158317	8.851	ppbv	98
16) 1,3-Butadiene	3.327	39	949410	9.207	ppbv	99
17) tert-Butyl alcohol	4.282	59	1295765	9.523	ppbv	98
18) 1,1-Dichloroethene	4.285	96	719777	9.030	ppbv	97
19) Isopropyl Alcohol	3.964	45	738400	8.824	ppbv #	95
20) Methylene Chloride	4.343	84	582774	8.112	ppbv	97
21) Allyl Chloride	4.407	41	1133783	9.390	ppbv	99
22) trans-1,2-Dichloroethene	4.883	96	719262	9.081	ppbv	96
23) Vinyl Acetate	5.067	43	2215891	11.246	ppbv	99
24) 1,1-Dichloroethane	5.005	63	1452638	8.923	ppbv	99
25) Ethyl Acetate	5.671	43	3649826	9.390	ppbv	100
26) Hexane	5.684	57	1743755	9.469	ppbv	99
27) Carbon Disulfide	4.546	76	1817004	9.994	ppbv	98
28) Methyl tert-Butyl Ether	5.028	73	1543508	9.969	ppbv	99
29) Chloroform	5.748	83	2427382	8.839	ppbv	99
30) Cyclohexane	7.121	84	1480462	9.404	ppbv	98
31) cis-1,2-Dichloroethene	5.546	61	1608219	9.572	ppbv	99
32) 1,1,1-Trichloroethane	6.507	97	2301157	8.525	ppbv	99
34) 2-Butanone	5.240	43	1634677	9.471	ppbv	99
35) Carbon Tetrachloride	7.015	117	2426351	8.616	ppbv	97
36) Benzene	6.883	78	3585155	9.451	ppbv	98
37) 1,2-Dichloroethane	6.301	62	1680743	9.320	ppbv	99
38) Trichloroethene	7.829	130	1443601	9.169	ppbv	97
39) 1,2-Dichloropropane	7.603	63	1376822	9.646	ppbv	98
40) 1,4-Dioxane	7.829	88	299587	7.970	ppbv #	1
41) Tetrahydrofuran	6.044	42	862470	10.212	ppbv	98
42) Bromodichloromethane	7.784	83	2564526	9.405	ppbv	96
43) Methyl Methacrylate	8.005	69	1300416	10.444	ppbv	99
44) 2,2,4-Trimethylpentane	7.864	57	6011047	9.317	ppbv	100
45) t-1,3-Dichloropropene	9.272	75	1057894	11.563	ppbv	99

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
Data File : VL037943.D
Acq On : 1 Nov 2021 17:41
Operator : SY/AP
Sample : VL1101ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 02 06:07:05 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov (
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) cis-1,3-Dichloropropene	8.697	75	1399981	11.130	ppbv		98
47) 1,1,2-Trichloroethane	9.465	97	1445019	9.011	ppbv		99
48) Dibromochloromethane	10.295	129	2287874	10.076	ppbv		98
49) Bromoform	13.034	173	1887725	10.518	ppbv		99
50) 4-Methyl-2-Pentanone	8.735	43	2272295	10.020	ppbv		99
51) 2-Hexanone	10.131	43	1023650	10.710	ppbv		99
52) Tetrachloroethene	11.214	164	1286164	8.938	ppbv		97
53) Toluene	9.796	91	4157149	10.222	ppbv		99
54) 1,2-Dibromoethane	10.600	107	2043991	9.883	ppbv		100
56) 1,1,1,2-Tetrachloroethane	12.118	131	1556384	8.984	ppbv	#	59
57) Chlorobenzene	12.137	112	3036126	8.865	ppbv		98
58) Ethyl Benzene	12.700	91	5197765	9.906	ppbv		99
59) m/p-Xylene	12.983	91	8706110m	18.667	ppbv		
60) o-Xylene	13.680	91	4087325m	9.295	ppbv		
61) Styrene	13.520	104	2282444	11.302	ppbv		99
62) Isopropylbenzene	14.658	105	5688769	9.137	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.661	83	2976162	7.864	ppbv		98
64) n-propylbenzene	15.552	120	1523122	9.547	ppbv		96
65) tert-Butylbenzene	16.735	119	4917193	8.936	ppbv		99
66) Benzyl Chloride	16.976	91	310084	10.785	ppbv		98
67) sec-Butylbenzene	17.285	105	6868613	9.060	ppbv		100
69) p-Isopropyltoluene	17.638	119	5645072	9.283	ppbv		100
70) n-Butylbenzene	18.535	91	5410232	9.682	ppbv		99
71) 2-Chlorotoluene	15.442	91	4140399	9.491	ppbv		98
72) 4-Ethyltoluene	15.828	105	5037232	9.999	ppbv		98
73) 1,3,5-Trimethylbenzene	15.983	105	4385888	9.297	ppbv		99
74) 1,2,4-Trimethylbenzene	16.754	105	4488786	9.082	ppbv		98
75) 1,3-Dichlorobenzene	16.986	146	2771573	9.007	ppbv		100
76) 1,4-Dichlorobenzene	17.127	146	2601265	8.736	ppbv		99
77) 1,2-Dichlorobenzene	17.806	146	2527667	8.748	ppbv		100
78) Hexachloro-1,3-Butadiene	23.358	225	1901427	7.688	ppbv		98
79) Naphthalene	22.175	128	3386032	11.891	ppbv		100
80) Naphthalene,2-methyl-	24.960	142	989202	17.846	ppbv		99
81) 1,2,4-Trichlorobenzene	21.912	180	1909083	10.300	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
Data File : VL037943.D
Acq On : 1 Nov 2021 17:41
Operator : SY/AP
Sample : VL1101ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Nov 02 06:07:05 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LTue Nov
QLast Update : Tue Nov 02 05:54:07 2021
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021