Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035169.D
Acq On : 8 Jul 2020 3:18
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 08 06:41:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 0
QLast Update : Wed Jul 08 06:17:02 2020
Response via : Initial Calibration

Instrument : MSVOA_L
ClientSampleId : VSTDICC002

Manual Integrations APPROVED
MMDadoda
7/9/2020 12:02:28 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1333346	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3163216	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	3026129	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.45	95	2394501	9.52	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.00	85	351501	1.946	ppbv	97
3) Chlorodifluoromethane	2.94	51	312921	2.143	ppbv	97
4) Chloromethane	3.10	50	179111	2.196	ppbv	100
5) Vinyl Chloride	3.21	62	171829	2.195	ppbv	94
6) Bromomethane	3.44	94	106984	2.187	ppbv	91
7) Chloroethane	3.52	64	62601	2.106	ppbv	98
8) Dichlorotetrafluoroethane	3.14	85	428700	2.219	ppbv	99
9) Propene	2.96	41	121193	2.108	ppbv	99
10) Heptane	8.13	43	301759	2.017	ppbv	98
11) Trichlorofluoromethane	3.92	101	445822	2.291	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	4.46	101	308433	2.289	ppbv	99
13) Ethanol	3.57	45	38552	1.810	ppbv	99
14) Bromoethene	3.70	108	126495	2.192	ppbv	97
15) Acetone	3.82	43	386915	2.387	ppbv	95
16) 1,3-Butadiene	3.29	39	148274	2.111	ppbv	99
17) tert-Butyl alcohol	4.27	59	321455	2.229	ppbv	99
18) 1,1-Dichloroethene	4.26	96	138508	2.282	ppbv	96
19) Isopropyl Alcohol	3.94	45	214336	2.056	ppbv #	98
20) Methylene Chloride	4.31	84	178621	2.708	ppbv	96
21) Allyl Chloride	4.38	41	218606	2.276	ppbv	97
22) trans-1,2-Dichloroethene	4.86	96	132977	2.323	ppbv	97
23) Vinyl Acetate	5.05	43	420332	2.167	ppbv	96
24) 1,1-Dichloroethane	4.99	63	350928	2.133	ppbv	99
25) Ethyl Acetate	5.66	43	599432	2.072	ppbv	100
26) Hexane	5.67	57	267033	2.043	ppbv	96
27) Carbon Disulfide	4.52	76	362785	2.601	ppbv	97
28) Methyl tert-Butyl Ether	5.01	73	407589	2.216	ppbv	100
29) Chloroform	5.74	83	438909	2.142	ppbv	93
30) Cyclohexane	7.13	84	193702	2.072	ppbv	96
31) cis-1,2-Dichloroethene	5.54	61	243687	2.038	ppbv	96
32) 1,1,1-Trichloroethane	6.51	97	410322	2.150	ppbv	99
34) 2-Butanone	5.23	43	374373	2.092	ppbv	98
35) Carbon Tetrachloride	7.01	117	421948	2.217	ppbv	98
36) Benzene	6.89	78	495216	2.045	ppbv	96
37) 1,2-Dichloroethane	6.30	62	318734	2.068	ppbv	100
38) Trichloroethene	7.84	130	206096	2.172	ppbv	87
39) 1,2-Dichloropropane	7.62	63	198540	2.102	ppbv	93
40) 1,4-Dioxane	7.84	88	72225m	1.889	ppbv	
41) Tetrahydrofuran	6.04	42	192966	2.117	ppbv	97
42) Bromodichloromethane	7.80	83	444832	2.222	ppbv	96
43) Methyl Methacrylate	8.02	69	210702m	2.055	ppbv	

Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035169.D
Acq On : 8 Jul 2020 3:18
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
MMDadoda
7/9/2020 12:02:28 PM

Quant Time: Jul 08 06:41:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 0
QLast Update : Wed Jul 08 06:17:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	7.87	57	873941	2.065	ppbv		99
45) t-1,3-Dichloropropene	9.29	75	205030m	2.048	ppbv		
46) cis-1,3-Dichloropropene	8.72	75	258291	2.081	ppbv		92
47) 1,1,2-Trichloroethane	9.49	97	212401	2.046	ppbv		95
48) Dibromochloromethane	10.32	129	348959	2.237	ppbv		98
49) Bromoform	13.07	173	298363m	2.244	ppbv		
50) 4-Methyl-2-Pentanone	8.75	43	533611	2.081	ppbv		100
51) 2-Hexanone	10.15	43	420994	2.105	ppbv	#	97
52) Tetrachloroethene	11.25	164	178012	2.073	ppbv		94
53) Toluene	9.82	91	529936	2.045	ppbv		100
54) 1,2-Dibromoethane	10.63	107	316181	2.052	ppbv		97
56) 1,1,1,2-Tetrachloroethane	12.15	131	285706	2.280	ppbv	#	1
57) Chlorobenzene	12.17	112	477575	2.138	ppbv		99
58) Ethyl Benzene	12.73	91	743046	2.174	ppbv		98
59) m/p-Xylene	13.02	91	1324337m	4.371	ppbv		
60) o-Xylene	13.72	91	670488	2.217	ppbv		98
61) Styrene	13.55	104	413656	2.173	ppbv		99
62) Isopropylbenzene	14.69	105	993123	2.201	ppbv		97
63) 1,1,2,2-Tetrachloroethane	13.71	83	495016	2.024	ppbv		99
64) n-propylbenzene	15.60	120	251217	2.179	ppbv		85
65) tert-Butylbenzene	16.78	119	907140	2.331	ppbv		98
66) Benzyl Chloride	17.03	91	295417	2.405	ppbv		99
67) sec-Butylbenzene	17.33	105	1323479	2.368	ppbv		97
69) p-Isopropyltoluene	17.69	119	1054321	2.365	ppbv		98
70) n-Butylbenzene	18.59	91	1110284	2.308	ppbv		97
71) 2-Chlorotoluene	15.48	91	758076	2.221	ppbv		97
72) 4-Ethyltoluene	15.87	105	758559	2.246	ppbv		99
73) 1,3,5-Trimethylbenzene	16.03	105	723014	2.257	ppbv		97
74) 1,2,4-Trimethylbenzene	16.79	105	792287	2.211	ppbv	#	93
75) 1,3-Dichlorobenzene	17.03	146	480416	2.253	ppbv		100
76) 1,4-Dichlorobenzene	17.18	146	451714m	2.206	ppbv		
77) 1,2-Dichlorobenzene	17.86	146	440720	2.244	ppbv		100
78) Hexachloro-1,3-Butadiene	23.42	225	342069	1.979	ppbv		99
79) Naphthalene	22.26	128	477170	1.564	ppbv	#	95
80) Naphthalene,2-methyl-	25.02	142	55255	0.498	ppbv		94
81) 1,2,4-Trichlorobenzene	21.99	180	306937m	1.730	ppbv		

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL070820\
Data File : VL035169.D
Acq On : 8 Jul 2020 3:18
Operator : SY/AP
Sample : VSTDICC002
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Jul 08 06:41:20 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL070820AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul
QLast Update : Wed Jul 08 06:17:02 2020
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC002

Manual Integrations APPROVED
MMDadoda
7/9/2020 12:02:28 PM