Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026825.D
Acq On : 9 Feb 2016 18:13
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
2/11/2016 1:23:04 PM

Quant Time: Feb 10 02:48:37 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 1(
QLast Update : Wed Feb 10 02:03:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.69	49	1658310	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.37	114	4460108	10.00	ppbv		-0.01
55) Chlorobenzene-d5	13.79	117	4177759	10.00	ppbv		-0.01
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.33	95	3035247	8.56	ppbv		-0.01
Spiked Amount 10.000	Range 65 - 135		Recovery = 85.60%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.67	85	388040	0.74	ppbv		95
3) Chlorodifluoromethane	3.60	51	323175	1.01	ppbv		99
4) Chloromethane	3.78	50	110741	1.12	ppbv		99
5) Vinyl Chloride	3.92	62	118178	1.01	ppbv		100
6) Bromomethane	4.18	94	100658	1.00	ppbv		97
7) Chloroethane	4.27	64	54211	1.01	ppbv		94
8) Dichlorotetrafluoroethane	3.84	85	330487	0.86	ppbv		98
9) Propene	3.62	41	72834	1.12	ppbv		100
10) Heptane	9.40	43	230938	0.92	ppbv		99
11) Trichlorofluoromethane	4.73	101	441616	0.73	ppbv		96
12) 1,1,2-Trichlorotrifluoroet	5.34	101	308152	0.87	ppbv		99
13) Ethanol	4.39	45	15046	1.00	ppbv		98
14) Bromoethene	4.49	108	111368	0.97	ppbv		98
15) Acetone	4.65	43	261972	0.67	ppbv	#	76
16) 1,3-Butadiene	4.00	39	92423	0.87	ppbv		98
17) tert-Butyl alcohol	5.19	59	153995	0.74	ppbv		95
18) 1,1-Dichloroethene	5.12	96	127009	0.93	ppbv		99
19) Isopropyl Alcohol	4.81	45	88150	0.86	ppbv	#	93
20) Methylene Chloride	5.18	84	122545	0.97	ppbv		99
21) Allyl Chloride	5.26	41	142365	0.86	ppbv	#	86
22) trans-1,2-Dichloroethene	5.80	96	110070	0.84	ppbv		96
23) Vinyl Acetate	6.02	43	307503	0.74	ppbv		97
24) 1,1-Dichloroethane	5.94	63	254547	0.87	ppbv		99
25) Ethyl Acetate	6.72	43	360521	0.94	ppbv		99
26) Hexane	6.70	57	190991	1.00	ppbv		95
27) Carbon Disulfide	5.43	76	334312	0.88	ppbv		98
28) Methyl tert-Butyl Ether	6.01	73	288413	0.68	ppbv		100
29) Chloroform	6.78	83	300224	0.70	ppbv		98
30) Cyclohexane	8.32	84	147335	0.75	ppbv	#	67
31) cis-1,2-Dichloroethene	6.56	61	152971	0.74	ppbv		96
32) 1,1,1-Trichloroethane	7.63	97	290642	0.60	ppbv		99
34) 2-Butanone	6.25	43	218925	1.06	ppbv		98
35) Carbon Tetrachloride	8.20	117	305841	0.69	ppbv		100
36) Benzene	8.06	78	338555	0.91	ppbv		99
37) 1,2-Dichloroethane	7.41	62	220265	0.68	ppbv		100
38) Trichloroethene	9.10	130	151398	0.86	ppbv		98
39) 1,2-Dichloropropane	8.86	63	132375	1.05	ppbv		98
40) 1,4-Dioxane	9.20	88	24261m	0.79	ppbv		
41) Tetrahydrofuran	7.19	42	98885	1.05	ppbv		97
42) Bromodichloromethane	9.06	83	276649	0.66	ppbv		99
43) Methyl Methacrylate	9.31	69	111686	0.78	ppbv		99

Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026825.D
Acq On : 9 Feb 2016 18:13
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
2/11/2016 1:23:04 PM

Quant Time: Feb 10 02:48:37 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 1
QLast Update : Wed Feb 10 02:03:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.13	57	594030	1.00	ppbv		98
45) t-1,3-Dichloropropene	10.70	75	134090	0.54	ppbv		97
46) cis-1,3-Dichloropropene	10.06	75	170201	0.64	ppbv		98
47) 1,1,2-Trichloroethane	10.92	97	141062	0.71	ppbv		97
48) Dibromochloromethane	11.84	129	213504	0.57	ppbv		100
49) Bromoform	14.86	173	149387	0.46	ppbv		99
50) 4-Methyl-2-Pentanone	10.15	43	239594	0.83	ppbv		96
51) 2-Hexanone	11.68	43	185201	0.67	ppbv	#	97
52) Tetrachloroethene	12.84	164	128623	0.61	ppbv		95
53) Toluene	11.28	91	360121	0.66	ppbv		99
54) 1,2-Dibromoethane	12.19	107	205296	0.61	ppbv		97
56) 1,1,1,2-Tetrachloroethane	13.83	131	171421	0.78	ppbv	#	1
57) Chlorobenzene	13.85	112	331249	0.78	ppbv		99
58) Ethyl Benzene	14.46	91	468957	0.69	ppbv		97
59) m/p-Xylene	14.76	91	831759	1.39	ppbv		98
60) o-Xylene	15.54	91	443938	0.67	ppbv		99
61) Styrene	15.36	104	130902	0.55	ppbv		100
62) Isopropylbenzene	16.59	105	536107	0.62	ppbv		99
63) 1,1,2,2-Tetrachloroethane	15.52	83	300886	0.70	ppbv		100
64) n-propylbenzene	17.57	120	133737	0.55	ppbv		85
65) tert-Butylbenzene	18.86	119	459826	0.53	ppbv		97
66) Benzyl Chloride	19.16	91	125507	0.38	ppbv		97
67) sec-Butylbenzene	19.46	105	635222	0.50	ppbv		97
69) p-Isopropyltoluene	19.83	119	487332	0.47	ppbv		99
70) n-Butylbenzene	20.80	91	478075	0.45	ppbv		95
71) 2-Chlorotoluene	17.47	91	347074	0.52	ppbv		99
72) 4-Ethyltoluene	17.86	105	395021	0.52	ppbv		98
73) 1,3,5-Trimethylbenzene	18.03	105	391350	0.53	ppbv		95
74) 1,2,4-Trimethylbenzene	18.88	105	440629	0.54	ppbv		96
75) 1,3-Dichlorobenzene	19.16	146	263758	0.49	ppbv		100
76) 1,4-Dichlorobenzene	19.32	146	258377	0.48	ppbv		99
77) 1,2-Dichlorobenzene	20.07	146	248754	0.44	ppbv		100
78) Hexachloro-1,3-Butadiene	24.71	225	131736	0.48	ppbv		97
79) Naphthalene	23.98	128	213944	0.30	ppbv		96
80) Naphthalene,2-methyl-	26.10	142	89086	0.73	ppbv		94
81) 1,2,4-Trichlorobenzene	23.78	180	112315	0.36	ppbv		99

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

Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL020916\
Data File : VL026825.D
Acq On : 9 Feb 2016 18:13
Operator : SY/AP
Sample : VSTDICC001
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Feb 10 02:48:37 2016
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL020916AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb
QLast Update : Wed Feb 10 02:03:34 2016
Response via : Initial Calibration

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC001

Manual Integrations APPROVED
MMDadoda
2/11/2016 1:23:04 PM