Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL073115\
Data File : VL025818.D
Acq On : 31 Jul 2015 18:27
Operator : SY/MD
Sample : VSTDCCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Manual Integrations APPROVED
sam
8/4/2015 12:05:23 PM

Quant Time: Aug 03 06:02:22 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 0
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Bromochloromethane	6.68	49	660221	10.00	ppbv		0.02
33) 1,4-Difluorobenzene	8.35	114	1819452	10.00	ppbv		0.02
55) Chlorobenzene-d5	13.77	117	2215338m	10.00	ppbv		0.02
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.32	95	1875539	10.04	ppbv		0.02
Spiked Amount 10.000	Range 65 - 135		Recovery = 100.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.65	85	1670786	9.77	ppbv		100
3) Chlorodifluoromethane	3.58	51	790741	8.50	ppbv		98
4) Chloromethane	3.76	50	376184	8.86	ppbv		99
5) Vinyl Chloride	3.90	62	418844	9.14	ppbv		98
6) Bromomethane	4.15	94	326345	8.77	ppbv		97
7) Chloroethane	4.25	64	189234	8.87	ppbv		100
8) Dichlorotetrafluoroethane	3.82	85	1268260	8.45	ppbv		100
9) Propene	3.61	41	278888	9.02	ppbv		100
10) Heptane	9.38	43	1131827	9.40	ppbv		98
11) Trichlorofluoromethane	4.71	101	1841490	8.30	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	5.32	101	1084342	8.52	ppbv		100
13) Ethanol	4.35	45	42850	8.92	ppbv		99
14) Bromoethene	4.46	108	370752	8.88	ppbv		99
15) Acetone	4.62	43	919307	7.88	ppbv		99
16) 1,3-Butadiene	3.98	39	413761	8.91	ppbv		99
17) tert-Butyl alcohol	5.14	59	820273	8.38	ppbv		100
18) 1,1-Dichloroethene	5.10	96	429840	8.82	ppbv		99
19) Isopropyl Alcohol	4.76	45	407277	8.75	ppbv	#	99
20) Methylene Chloride	5.17	84	396963	8.38	ppbv		94
21) Allyl Chloride	5.25	41	651605	8.92	ppbv		98
22) trans-1,2-Dichloroethene	5.78	96	457546	9.20	ppbv		98
23) Vinyl Acetate	6.00	43	1641124	9.29	ppbv		99
24) 1,1-Dichloroethane	5.93	63	1068627	9.02	ppbv		99
25) Ethyl Acetate	6.69	43	1653532	9.37	ppbv		100
26) Hexane	6.68	57	774021	9.31	ppbv		99
27) Carbon Disulfide	5.40	76	1249661	9.29	ppbv		98
28) Methyl tert-Butyl Ether	5.97	73	1557036	9.42	ppbv		100
29) Chloroform	6.77	83	1417817	8.64	ppbv		99
30) Cyclohexane	8.31	84	761014	9.58	ppbv		98
31) cis-1,2-Dichloroethene	6.54	61	806789	9.77	ppbv		99
32) 1,1,1-Trichloroethane	7.62	97	1544353	8.66	ppbv		99
34) 2-Butanone	6.22	43	1008044	9.76	ppbv		100
35) Carbon Tetrachloride	8.18	117	1658650	8.56	ppbv		99
36) Benzene	8.05	78	1674502	9.61	ppbv		98
37) 1,2-Dichloroethane	7.40	62	1300816	8.74	ppbv		99
38) Trichloroethene	9.09	130	748966	9.24	ppbv		96
39) 1,2-Dichloropropane	8.85	63	592087	9.20	ppbv		96
40) 1,4-Dioxane	9.14	88	126001	12.48	ppbv		59
41) Tetrahydrofuran	7.14	42	533764	10.36	ppbv		99
42) Bromodichloromethane	9.05	83	1642930	9.15	ppbv		99
43) Methyl Methacrylate	9.29	69	691430	10.34	ppbv		99

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Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 0
QLast Update : Wed Jul 08 02:22:55 2015
Response via : Initial Calibration

Instrument : MSVOA_L
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.11	57	2825976	9.45	ppbv		99
45) t-1,3-Dichloropropene	10.68	75	1099943	9.78	ppbv		99
46) cis-1,3-Dichloropropene	10.04	75	1244825	10.01	ppbv		98
47) 1,1,2-Trichloroethane	10.91	97	796500	8.89	ppbv		98
48) Dibromochloromethane	11.83	129	1424287	8.89	ppbv		99
49) Bromoform	14.85	173	1153891	8.73	ppbv		99
50) 4-Methyl-2-Pentanone	10.12	43	1454112	9.78	ppbv		98
51) 2-Hexanone	11.64	43	1389199	10.41	ppbv	#	99
52) Tetrachloroethene	12.82	164	811301	9.28	ppbv		97
53) Toluene	11.26	91	2340731	9.56	ppbv		99
54) 1,2-Dibromoethane	12.17	107	1279803	8.83	ppbv		100
56) 1,1,1,2-Tetrachloroethane	13.82	131	1051044	8.78	ppbv		98
57) Chlorobenzene	13.84	112	2051233	8.70	ppbv		98
58) Ethyl Benzene	14.44	91	3583381	9.79	ppbv		100
59) m/p-Xylene	14.75	91	5818057	18.09	ppbv		99
60) o-Xylene	15.52	91	3056780	8.83	ppbv		100
61) Styrene	15.34	104	1326969	10.94	ppbv		100
62) Isopropylbenzene	16.57	105	4043367	8.93	ppbv		100
63) 1,1,2,2-Tetrachloroethane	15.52	83	1941555	8.29	ppbv		99
64) n-propylbenzene	17.55	120	1072600	8.77	ppbv		95
65) tert-Butylbenzene	18.85	119	3750912	8.44	ppbv		99
66) Benzyl Chloride	19.13	91	1265166	7.76	ppbv		100
67) sec-Butylbenzene	19.44	105	5247391	8.43	ppbv		100
69) p-Isopropyltoluene	19.82	119	4351958	8.48	ppbv		100
70) n-Butylbenzene	20.78	91	4236226	8.14	ppbv		99
71) 2-Chlorotoluene	17.46	91	3054360	9.20	ppbv		99
72) 4-Ethyltoluene	17.85	105	3454449	9.02	ppbv		100
73) 1,3,5-Trimethylbenzene	18.02	105	3321461	8.83	ppbv		100
74) 1,2,4-Trimethylbenzene	18.86	105	3459944	8.21	ppbv		97
75) 1,3-Dichlorobenzene	19.16	146	2155296	7.86	ppbv		100
76) 1,4-Dichlorobenzene	19.30	146	2212535	8.05	ppbv		99
77) 1,2-Dichlorobenzene	20.06	146	2142614	7.87	ppbv		100
78) Hexachloro-1,3-Butadiene	24.70	225	981854	5.86	ppbv		99
79) Naphthalene	23.95	128	2565707	6.30	ppbv		99
80) Naphthalene,2-methyl-	26.07	142	666798	5.64	ppbv		99
81) 1,2,4-Trichlorobenzene	23.75	180	1226431	6.28	ppbv		100

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

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