Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL070715\
Data File : VL025604.D
Acq On : 7 Jul 2015 10:32
Operator : SY/MD
Sample : VSTDICCC010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED
sam
7/8/2015 11:04:19 AM

Quant Time: Jul 07 13:07:58 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 0
QLast Update : Wed Jun 03 16:25:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.65	49	698565	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	8.33	114	1889486	10.00	ppbv	0.02
55) Chlorobenzene-d5	13.75	117	2583494m	10.00	ppbv	0.03
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.29	95	2076293	9.73	ppbv	0.03
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.64	85	1811069	11.18	ppbv	99
3) Chlorodifluoromethane	3.57	51	871894	10.38	ppbv	95
4) Chloromethane	3.75	50	406463	9.31	ppbv	99
5) Vinyl Chloride	3.89	62	447795	9.21	ppbv	99
6) Bromomethane	4.14	94	350245	10.61	ppbv	100
7) Chloroethane	4.24	64	203212	10.08	ppbv	100
8) Dichlorotetrafluoroethane	3.81	85	1389255	10.61	ppbv	100
9) Propene	3.59	41	310512	8.85	ppbv	99
10) Heptane	9.35	43	1199846	9.60	ppbv	98
11) Trichlorofluoromethane	4.69	101	2039038	11.93	ppbv	98
12) 1,1,2-Trichlorotrifluoroet	5.31	101	1172362	11.37	ppbv	99
13) Ethanol	4.33	45	49580	7.83	ppbv	99
14) Bromoethene	4.45	108	396594	10.78	ppbv	97
15) Acetone	4.60	43	992011	9.64	ppbv	98
16) 1,3-Butadiene	3.97	39	445813	9.84	ppbv	99
17) tert-Butyl alcohol	5.12	59	1038312	11.80	ppbv	99
18) 1,1-Dichloroethene	5.09	96	470111	11.05	ppbv	99
19) Isopropyl Alcohol	4.75	45	491434	10.50	ppbv	99
20) Methylene Chloride	5.15	84	425808	9.53	ppbv	99
21) Allyl Chloride	5.23	41	698988	10.38	ppbv	89
22) trans-1,2-Dichloroethene	5.76	96	485499	9.79	ppbv	98
23) Vinyl Acetate	5.98	43	1846094	10.23	ppbv	98
24) 1,1-Dichloroethane	5.91	63	1121573	9.55	ppbv	100
25) Ethyl Acetate	6.67	43	1742817	9.41	ppbv	100
26) Hexane	6.66	57	818941	9.39	ppbv	96
27) Carbon Disulfide	5.39	76	1336703	11.10	ppbv	95
28) Methyl tert-Butyl Ether	5.95	73	1727436	10.64	ppbv	97
29) Chloroform	6.75	83	1517106	10.47	ppbv	97
30) Cyclohexane	8.29	84	782845	9.84	ppbv	97
31) cis-1,2-Dichloroethene	6.52	61	865634	10.36	ppbv	98
32) 1,1,1-Trichloroethane	7.60	97	1731710	10.59	ppbv	99
34) 2-Butanone	6.20	43	1036534	9.21	ppbv	99
35) Carbon Tetrachloride	8.17	117	1845919	10.81	ppbv	99
36) Benzene	8.02	78	1733249	9.29	ppbv	98
37) 1,2-Dichloroethane	7.37	62	1415811	10.91	ppbv	98
38) Trichloroethene	9.07	130	786669	9.76	ppbv	98
39) 1,2-Dichloropropane	8.83	63	622947	8.99	ppbv	92
40) 1,4-Dioxane	9.12	88	155145	10.09	ppbv	90
41) Tetrahydrofuran	7.12	42	553490	9.16	ppbv	97
42) Bromodichloromethane	9.02	83	1758463	10.81	ppbv	98
43) Methyl Methacrylate	9.27	69	731256	10.54	ppbv	100

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Instrument :
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Quant Time: Jul 07 13:07:58 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL070715AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 0
QLast Update : Wed Jun 03 16:25:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.09	57	2971392	9.23	ppbv		97
45) t-1,3-Dichloropropene	10.65	75	1301387	11.99	ppbv		98
46) cis-1,3-Dichloropropene	10.02	75	1401870	11.12	ppbv		95
47) 1,1,2-Trichloroethane	10.88	97	866229	9.98	ppbv		97
48) Dibromochloromethane	11.80	129	1622341	11.62	ppbv		99
49) Bromoform	14.82	173	1356483	12.14	ppbv		99
50) 4-Methyl-2-Pentanone	10.09	43	1584151	10.39	ppbv		99
51) 2-Hexanone	11.62	43	1533554	11.24	ppbv	#	98
52) Tetrachloroethene	12.79	164	902348	10.55	ppbv		99
53) Toluene	11.24	91	2581496	10.50	ppbv		99
54) 1,2-Dibromoethane	12.15	107	1413534	10.64	ppbv		99
56) 1,1,1,2-Tetrachloroethane	13.79	131	1190424	9.70	ppbv		97
57) Chlorobenzene	13.82	112	2303588	9.10	ppbv		100
58) Ethyl Benzene	14.41	91	4080838	9.92	ppbv		98
59) m/p-Xylene	14.72	91	6632941	19.30	ppbv		99
60) o-Xylene	15.49	91	3530013	9.67	ppbv		99
61) Styrene	15.31	104	1515839	10.89	ppbv		99
62) Isopropylbenzene	16.55	105	4725972	9.82	ppbv		99
63) 1,1,2,2-Tetrachloroethane	15.49	83	2245738	8.68	ppbv		100
64) n-propylbenzene	17.52	120	1261699	9.90	ppbv		93
65) tert-Butylbenzene	18.82	119	4450473	9.95	ppbv		100
66) Benzyl Chloride	19.11	91	1951032	12.75	ppbv		100
67) sec-Butylbenzene	19.41	105	6289270	10.00	ppbv		98
69) p-Isopropyltoluene	19.79	119	5269633	10.30	ppbv		99
70) n-Butylbenzene	20.76	91	5205666	10.45	ppbv		98
71) 2-Chlorotoluene	17.43	91	3549459	9.91	ppbv		100
72) 4-Ethyltoluene	17.82	105	4081923	10.22	ppbv		100
73) 1,3,5-Trimethylbenzene	17.99	105	3932238	10.22	ppbv		96
74) 1,2,4-Trimethylbenzene	18.83	105	4120028	9.93	ppbv		98
75) 1,3-Dichlorobenzene	19.12	146	2612100	9.88	ppbv		100
76) 1,4-Dichlorobenzene	19.28	146	2685671	10.15	ppbv		99
77) 1,2-Dichlorobenzene	20.03	146	2657048	10.12	ppbv		99
78) Hexachloro-1,3-Butadiene	24.67	225	1461221	10.85	ppbv		99
79) Naphthalene	23.92	128	3836910	11.29	ppbv		100
80) Naphthalene,2-methyl-	26.04	142	1066120	12.23	ppbv		98
81) 1,2,4-Trichlorobenzene	23.73	180	1800550	11.38	ppbv		100

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

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