Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL072715\
Data File : VL025751.D
Acq On : 27 Jul 2015 13:26
Operator : SY/MD
Sample : VL0727ABS01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_L
ClientSampleId : VL0727ABS01

Manual Integrations APPROVED
sam
7/28/2015 11:59:19 AM

Quant Time: Jul 28 01:12:44 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	6.66	49	651363	10.00	ppbv		0.00
33) 1,4-Difluorobenzene	8.34	114	1852308	10.00	ppbv		0.00
55) Chlorobenzene-d5	13.75	117	2101924m	10.00	ppbv		0.00
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	16.30	95	1685439	9.51	ppbv		0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 95.10%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	3.64	85	1236577	7.33	ppbv		96
3) Chlorodifluoromethane	3.57	51	694843	7.57	ppbv		99
4) Chloromethane	3.75	50	338746	8.09	ppbv		99
5) Vinyl Chloride	3.89	62	368718	8.15	ppbv		99
6) Bromomethane	4.14	94	310457	8.46	ppbv		98
7) Chloroethane	4.24	64	167906	7.98	ppbv		97
8) Dichlorotetrafluoroethane	3.80	85	1146715	7.75	ppbv		99
9) Propene	3.59	41	249869	8.19	ppbv		100
10) Heptane	9.36	43	1056572	8.90	ppbv		98
11) Trichlorofluoromethane	4.69	101	1765097	8.06	ppbv		99
12) 1,1,2-Trichlorotrifluoroet	5.31	101	1019644	8.12	ppbv		100
13) Ethanol	4.33	45	32435	6.84	ppbv		97
14) Bromoethene	4.45	108	337049	8.19	ppbv		99
15) Acetone	4.60	43	1333186	11.59	ppbv		97
16) 1,3-Butadiene	3.96	39	368177	8.04	ppbv		100
17) tert-Butyl alcohol	5.12	59	871125	9.02	ppbv		100
18) 1,1-Dichloroethene	5.08	96	398034	8.28	ppbv		98
19) Isopropyl Alcohol	4.75	45	352804	7.68	ppbv	#	1
20) Methylene Chloride	5.15	84	364347	7.79	ppbv		94
21) Allyl Chloride	5.23	41	579088	8.04	ppbv		98
22) trans-1,2-Dichloroethene	5.76	96	409617	8.35	ppbv		100
23) Vinyl Acetate	5.98	43	1661747	9.53	ppbv		99
24) 1,1-Dichloroethane	5.92	63	959430	8.21	ppbv		99
25) Ethyl Acetate	6.67	43	1458338	8.37	ppbv		100
26) Hexane	6.66	57	685852	8.37	ppbv		99
27) Carbon Disulfide	5.39	76	1105539	8.33	ppbv		100
28) Methyl tert-Butyl Ether	5.95	73	1418366	8.70	ppbv		100
29) Chloroform	6.75	83	1322550	8.17	ppbv		100
30) Cyclohexane	8.29	84	721890	9.21	ppbv		98
31) cis-1,2-Dichloroethene	6.52	61	712593	8.75	ppbv		99
32) 1,1,1-Trichloroethane	7.60	97	1473398	8.37	ppbv		100
34) 2-Butanone	6.20	43	907468	8.63	ppbv		100
35) Carbon Tetrachloride	8.17	117	1585549	8.03	ppbv		100
36) Benzene	8.02	78	1517846	8.56	ppbv		98
37) 1,2-Dichloroethane	7.38	62	1185965	7.83	ppbv		100
38) Trichloroethene	9.07	130	706704	8.57	ppbv		99
39) 1,2-Dichloropropane	8.83	63	551754	8.42	ppbv		99
40) 1,4-Dioxane	9.13	88	81879	7.97	ppbv	#	1
41) Tetrahydrofuran	7.12	42	450642	8.59	ppbv		99
42) Bromodichloromethane	9.03	83	1555384	8.51	ppbv		99
43) Methyl Methacrylate	9.27	69	639829	9.40	ppbv		100

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QLast Update : Wed Jul 08 02:22:55 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.09	57	2644918	8.69	ppbv	100
45) t-1,3-Dichloropropene	10.66	75	1029793	8.99	ppbv	99
46) cis-1,3-Dichloropropene	10.02	75	1150162	9.09	ppbv	97
47) 1,1,2-Trichloroethane	10.88	97	764188	8.38	ppbv	98
48) Dibromochloromethane	11.80	129	1404908	8.61	ppbv	99
49) Bromoform	14.82	173	1141768	8.49	ppbv	99
50) 4-Methyl-2-Pentanone	10.09	43	1384137	9.14	ppbv	98
51) 2-Hexanone	11.62	43	1342093	9.88	ppbv	100
52) Tetrachloroethene	12.80	164	793298	8.92	ppbv	99
53) Toluene	11.24	91	2297837	9.22	ppbv	99
54) 1,2-Dibromoethane	12.15	107	1255334	8.51	ppbv	99
56) 1,1,1,2-Tetrachloroethane	13.79	131	1074604	9.46	ppbv	98
57) Chlorobenzene	13.82	112	2019198	9.03	ppbv	98
58) Ethyl Benzene	14.42	91	3577066	10.30	ppbv	99
59) m/p-Xylene	14.72	91	5900155m	19.34	ppbv	
60) o-Xylene	15.50	91	3136299	9.55	ppbv	100
61) Styrene	15.32	104	1344720	11.68	ppbv	99
62) Isopropylbenzene	16.55	105	4162453	9.69	ppbv	100
63) 1,1,2,2-Tetrachloroethane	15.49	83	1978439	8.90	ppbv	99
64) n-propylbenzene	17.53	120	1129900	9.73	ppbv	99
65) tert-Butylbenzene	18.82	119	3929709	9.32	ppbv	99
66) Benzyl Chloride	19.11	91	1240500	8.02	ppbv	100
67) sec-Butylbenzene	19.42	105	5574620	9.44	ppbv	100
69) p-Isopropyltoluene	19.80	119	4798689	9.86	ppbv	100
70) n-Butylbenzene	20.76	91	4801308	9.73	ppbv	99
71) 2-Chlorotoluene	17.43	91	3199661	10.16	ppbv	100
72) 4-Ethyltoluene	17.83	105	3666873	10.10	ppbv	99
73) 1,3,5-Trimethylbenzene	17.99	105	3530489	9.89	ppbv	99
74) 1,2,4-Trimethylbenzene	18.84	105	3704155	9.26	ppbv	98
75) 1,3-Dichlorobenzene	19.13	146	2307022	8.86	ppbv	100
76) 1,4-Dichlorobenzene	19.28	146	2370348	9.09	ppbv	99
77) 1,2-Dichlorobenzene	20.03	146	2309405	8.94	ppbv	99
78) Hexachloro-1,3-Butadiene	24.67	225	1306154	8.22	ppbv	99
79) Naphthalene	23.93	128	3430845	8.88	ppbv	100
80) Naphthalene,2-methyl-	26.04	142	591923	5.27	ppbv	100
81) 1,2,4-Trichlorobenzene	23.74	180	1770885	9.56	ppbv	99

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

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