Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL102915\
Data File : VL026267.D
Acq On : 29 Oct 2015 15:15
Operator : SY/AP
Sample : VSTDICV010
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL102915

Manual Integrations APPROVED
Mmdadoda
10/30/2015 12:06:36 PM

Quant Time: Oct 30 01:09:52 2015
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Oct 2
QLast Update : Thu Oct 29 14:29:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.70	49	581663	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.37	114	1735130	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.80	117	2048291m	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.35	95	1525972	9.82	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 98.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.67	85	1121407	9.00	ppbv	100
3) Chlorodifluoromethane	3.60	51	625061	8.53	ppbv	99
4) Chloromethane	3.78	50	391474	9.36	ppbv	100
5) Vinyl Chloride	3.92	62	400497	8.70	ppbv	100
6) Bromomethane	4.17	94	283398	9.33	ppbv	99
7) Chloroethane	4.27	64	171719	9.41	ppbv	97
8) Dichlorotetrafluoroethane	3.83	85	926739	8.77	ppbv	100
9) Propene	3.62	41	380933	10.81	ppbv	97
10) Heptane	9.40	43	1085721	9.13	ppbv	100
11) Trichlorofluoromethane	4.73	101	1040326	8.83	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	5.34	101	707839	9.00	ppbv	100
13) Ethanol	4.35	45	49465	9.38	ppbv	93
14) Bromoethene	4.48	108	314970	9.51	ppbv	99
15) Acetone	4.64	43	691435	8.98	ppbv	99
16) 1,3-Butadiene	4.00	39	378266	9.96	ppbv	94
17) tert-Butyl alcohol	5.15	59	577046	10.44	ppbv	99
18) 1,1-Dichloroethene	5.12	96	334562	9.37	ppbv	94
19) Isopropyl Alcohol	4.78	45	335809	10.17	ppbv	95
20) Methylene Chloride	5.18	84	306006	9.12	ppbv	97
21) Allyl Chloride	5.26	41	529422	9.75	ppbv	99
22) trans-1,2-Dichloroethene	5.81	96	445208	9.34	ppbv	96
23) Vinyl Acetate	6.03	43	1477339	9.95	ppbv	99
24) 1,1-Dichloroethane	5.95	63	927585	9.09	ppbv	99
25) Ethyl Acetate	6.71	43	1471580	9.17	ppbv	100
26) Hexane	6.70	57	721117	9.18	ppbv	99
27) Carbon Disulfide	5.43	76	934116	9.94	ppbv	99
28) Methyl tert-Butyl Ether	5.99	73	1292172	9.39	ppbv	99
29) Chloroform	6.79	83	1043896	8.97	ppbv	100
30) Cyclohexane	8.33	84	724637	9.39	ppbv	99
31) cis-1,2-Dichloroethene	6.56	61	680752	9.41	ppbv	98
32) 1,1,1-Trichloroethane	7.64	97	1085683	8.43	ppbv	99
34) 2-Butanone	6.24	43	943981	9.01	ppbv	100
35) Carbon Tetrachloride	8.21	117	1107211	8.47	ppbv	98
36) Benzene	8.07	78	1639385	8.93	ppbv	99
37) 1,2-Dichloroethane	7.42	62	845899	8.93	ppbv	100
38) Trichloroethene	9.11	130	649468	7.36	ppbv	97
39) 1,2-Dichloropropane	8.87	63	592929	8.87	ppbv	98
40) 1,4-Dioxane	9.16	88	140093	12.25	ppbv	91
41) Tetrahydrofuran	7.16	42	569599	9.41	ppbv	100
42) Bromodichloromethane	9.07	83	1170980	9.23	ppbv	100
43) Methyl Methacrylate	9.31	69	621851	9.52	ppbv	100

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QLast Update : Thu Oct 29 14:29:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	9.13	57	2585981	8.63	ppbv		100
45) t-1,3-Dichloropropene	10.70	75	926510	10.07	ppbv		100
46) cis-1,3-Dichloropropene	10.07	75	1079161	9.64	ppbv		100
47) 1,1,2-Trichloroethane	10.93	97	699989	8.66	ppbv		99
48) Dibromochloromethane	11.85	129	1095964	9.48	ppbv		100
49) Bromoform	14.87	173	890682	9.92	ppbv		100
50) 4-Methyl-2-Pentanone	10.13	43	1312993	9.36	ppbv		100
51) 2-Hexanone	11.66	43	1264287	9.90	ppbv	#	100
52) Tetrachloroethene	12.85	164	690783	7.46	ppbv		100
53) Toluene	11.29	91	2121048	8.89	ppbv		99
54) 1,2-Dibromoethane	12.19	107	1066799	8.72	ppbv		100
56) 1,1,1,2-Tetrachloroethane	13.84	131	784741	8.74	ppbv		98
57) Chlorobenzene	13.87	112	1701289	8.38	ppbv		99
58) Ethyl Benzene	14.47	91	2958276	8.79	ppbv		100
59) m/p-Xylene	14.77	91	4511949	16.92	ppbv	#	100
60) o-Xylene	15.55	91	2292665	8.22	ppbv		100
61) Styrene	15.36	104	1146980	9.68	ppbv		100
62) Isopropylbenzene	16.60	105	3219249	8.51	ppbv		100
63) 1,1,2,2-Tetrachloroethane	15.54	83	1544095	7.12	ppbv		100
64) n-propylbenzene	17.58	120	887924	8.64	ppbv		97
65) tert-Butylbenzene	18.87	119	2806659	8.22	ppbv		100
66) Benzyl Chloride	19.16	91	1182645	11.11	ppbv		100
67) sec-Butylbenzene	19.47	105	4083359	8.43	ppbv		100
69) p-Isopropyltoluene	19.85	119	3365937	8.53	ppbv		100
70) n-Butylbenzene	20.81	91	3270228	8.72	ppbv		100
71) 2-Chlorotoluene	17.49	91	2443645	8.75	ppbv		100
72) 4-Ethyltoluene	17.88	105	2768128	8.84	ppbv		99
73) 1,3,5-Trimethylbenzene	18.05	105	2546049	8.62	ppbv		98
74) 1,2,4-Trimethylbenzene	18.89	105	2521922	8.16	ppbv		94
75) 1,3-Dichlorobenzene	19.18	146	1681183	8.39	ppbv		100
76) 1,4-Dichlorobenzene	19.33	146	1749232	8.59	ppbv		100
77) 1,2-Dichlorobenzene	20.09	146	1698590	8.50	ppbv		100
78) Hexachloro-1,3-Butadiene	24.72	225	662518	8.18	ppbv		99
79) Naphthalene	23.98	128	2149128	9.72	ppbv		100
80) Naphthalene,2-methyl-	26.09	142	643502	15.77	ppbv		94
81) 1,2,4-Trichlorobenzene	23.78	180	996483	9.03	ppbv		99

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

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