Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079268.D
Acq On : 15 May 2015 14:26
Operator : TP/IZ
Sample : PB83401BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83401BS

Manual Integrations APPROVED
apatel
5/18/2015 3:37:55 PM

Quant Time: May 15 23:35:41 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 22:54:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	56790	20.00	ng		0.00
21) Naphthalene-d8	8.75	136	232768	20.00	ng		0.00
38) Acenaphthene-d10	10.92	164	115020	20.00	ng		0.00
63) Phenanthrene-d10	12.77	188	217016	20.00	ng		0.00
75) Chrysene-d12	16.09	240	204144	20.00	ng		0.00
86) Perylene-d12	17.98	264	200885	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	60394m	18.31	ng		0.01
7) Phenol-d6	6.74	99	79306	18.19	ng		-0.01
23) Nitrobenzene-d5	7.87	82	42175	10.41	ng		0.00
41) 2,4,6-Tribromophenol	11.91	330	20450	16.43	ng		0.00
44) 2-Fluorobiphenyl	10.10	172	98965	11.99	ng		0.00
78) Terphenyl-d14	14.77	244	105999	12.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	7721m	5.38	ng		
3) Pyridine	2.89	79	20591m	4.90	ng		
4) n-Nitrosodimethylamine	2.75	42	10015m	5.57	ng		
6) Aniline	6.76	93	21326	3.46	ng	#	66
8) 2-Chlorophenol	6.90	128	22649	6.05	ng		96
9) Benzaldehyde	6.63	77	7341	2.50	ng		98
10) Phenol	6.75	94	27145	5.37	ng		81
11) bis(2-Chloroethyl)ether	6.87	93	20838	5.62	ng		96
12) 1,3-Dichlorobenzene	7.10	146	24231	5.76	ng	#	93
13) 1,4-Dichlorobenzene	7.20	146	24589	5.68	ng		98
14) 1,2-Dichlorobenzene	7.38	146	23358	5.80	ng		99
15) Benzyl Alcohol	7.36	79	17156	5.30	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.54	45	30228	5.33	ng		93
17) 2-Methylphenol	7.51	107	17448	5.79	ng	#	95
18) Hexachloroethane	7.79	117	7920	5.31	ng	#	82
19) n-Nitroso-di-n-propylamine	7.69	70	15209	5.16	ng		96
20) 3+4-Methylphenols	7.70	107	21604	5.38	ng	#	46
22) Acetophenone	7.69	105	29898	5.69	ng	#	87
24) Nitrobenzene	7.90	77	20484	5.10	ng	#	79
25) Isophorone	8.19	82	41690	5.55	ng		96
26) 2-Nitrophenol	8.28	139	8171	4.92	ng	#	83
27) 2,4-Dimethylphenol	8.35	122	19289	5.80	ng		93
28) bis(2-Chloroethoxy)methane	8.48	93	24644	5.32	ng		96
29) 2,4-Dichlorophenol	8.58	162	16726	5.66	ng		97
30) 1,2,4-Trichlorobenzene	8.68	180	19142	5.89	ng		99
31) Naphthalene	8.78	128	64845	5.85	ng		99
32) Benzoic acid	8.42	122	9491m	10.27	ng		
33) 4-Chloroaniline	8.86	127	19276	4.11	ng	#	94
34) Hexachlorobutadiene	8.94	225	10615	5.68	ng		96
35) Caprolactam	9.26	113	4788	5.01	ng		89
36) 4-Chloro-3-methylphenol	9.46	107	17475	5.63	ng	#	92
37) 2-Methylnaphthalene	9.63	142	43162	5.62	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.84	216	17351	5.36	ng		98
40) Hexachlorocyclopentadiene	9.83	237	9588	5.89	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.99	196	11311	5.08	ng		92
43) 2,4,5-Trichlorophenol	10.03	196	12515	5.56	ng	#	86
45) 1,1'-Biphenyl	10.22	154	51847	5.67	ng		95
46) 2-Chloronaphthalene	10.24	162	41645	5.84	ng		93
47) 2-Nitroaniline	10.38	65	9157	4.43	ng	#	61
48) Acenaphthylene	10.75	152	66003	5.64	ng		98
49) Dimethylphthalate	10.60	163	46859	5.55	ng		98
50) 2,6-Dinitrotoluene	10.68	165	8227	4.94	ng	#	80
51) Acenaphthene	10.97	154	36635	5.25	ng		95
52) 3-Nitroaniline	10.88	138	9317	4.48	ng	#	97
53) 2,4-Dinitrophenol	11.03	184	2946	10.07	ng	#	69
54) Dibenzofuran	11.18	168	57745	5.72	ng		95
55) 4-Nitrophenol	11.10	139	13655	8.29	ng		99
56) 2,4-Dinitrotoluene	11.18	165	10587	4.81	ng	#	55
57) Fluorene	11.61	166	46933	5.67	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.34	232	10031	5.45	ng		98
59) Diethylphthalate	11.48	149	46636	5.58	ng		98
60) 4-Chlorophenyl-phenylether	11.61	204	20929	5.70	ng		91
61) 4-Nitroaniline	11.63	138	9460	4.54	ng		98
62) Azobenzene	11.81	77	45591	5.53	ng		94
64) 4,6-Dinitro-2-methylphenol	11.68	198	2669	5.18	ng	#	48
65) n-Nitrosodiphenylamine	11.76	169	39601	5.48	ng		97
66) 4-Bromophenyl-phenylether	12.22	248	12041	5.32	ng		90
67) Hexachlorobenzene	12.29	284	14063	5.44	ng	#	65
68) Atrazine	12.43	200	11385	5.42	ng		96
69) Pentachlorophenol	12.54	266	10247	13.04	ng		99
70) Phenanthrene	12.80	178	67312	5.54	ng		99
71) Anthracene	12.86	178	67532	5.67	ng		99
72) Carbazole	13.06	167	62100	5.47	ng		98
73) Di-n-butylphthalate	13.52	149	69415	5.10	ng	#	98
74) Fluoranthene	14.27	202	68345	5.40	ng		94
76) Benzidine	14.46	184	24682	4.49	ng		97
77) Pyrene	14.55	202	73245	6.23	ng		99
79) Butylbenzylphthalate	15.39	149	27253	5.30	ng		96
80) Benzo(a)anthracene	16.08	228	66126	5.92	ng		98
81) 3,3'-Dichlorobenzidine	16.07	252	14935	3.75	ng		95
82) Chrysene	16.13	228	63858	5.94	ng		99
83) Bis(2-ethylhexyl)phthalate	16.16	149	39893	5.12	ng		100
84) Di-n-octyl phthalate	17.02	149	63012	4.59	ng	#	92
85) Indeno(1,2,3-cd)pyrene	19.41	276	73669	5.38	ng		97
87) Benzo(b)fluoranthene	17.49	252	59453	5.41	ng	#	94
88) Benzo(k)fluoranthene	17.52	252	63223m	5.94	ng		
89) Benzo(a)pyrene	17.90	252	59570	5.88	ng		99
90) Dibenzo(a,h)anthracene	19.43	278	60242	5.60	ng		98
91) Benzo(g,h,i)perylene	19.82	276	61997	5.75	ng	#	95

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

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