Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051115\
Data File : BF079134.D
Acq On : 12 May 2015 1:54
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
5/12/2015 4:50:50 PM

Quant Time: May 12 09:35:05 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 12 09:19:06 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	61879	20.00	ng		0.00
21) Naphthalene-d8	8.88	136	272407	20.00	ng		0.00
38) Acenaphthene-d10	11.05	164	138648	20.00	ng		0.00
63) Phenanthrene-d10	12.89	188	274719	20.00	ng		0.00
75) Chrysene-d12	16.19	240	298671	20.00	ng		0.00
86) Perylene-d12	17.87	264	324019	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	300269	83.53	ng		0.00
7) Phenol-d6	6.86	99	402573	84.72	ng		0.00
23) Nitrobenzene-d5	7.99	82	383113	80.83	ng		0.00
41) 2,4,6-Tribromophenol	12.03	330	131534	87.69	ng		0.00
44) 2-Fluorobiphenyl	10.22	172	788013	79.18	ng		0.00
78) Terphenyl-d14	14.89	244	956220	76.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	64070	40.99	ng	#	28
3) Pyridine	2.96	79	183743	40.17	ng		98
4) n-Nitrosodimethylamine	2.88	42	77474	39.53	ng		82
6) Aniline	6.88	93	288560	43.02	ng	#	41
8) 2-Chlorophenol	7.03	128	174429	42.78	ng		100
9) Benzaldehyde	6.74	77	120872	37.76	ng		93
10) Phenol	6.88	94	234838	42.60	ng	#	63
11) bis(2-Chloroethyl)ether	6.98	93	165827	41.04	ng		100
12) 1,3-Dichlorobenzene	7.22	146	194890	42.53	ng	#	92
13) 1,4-Dichlorobenzene	7.31	146	191199	40.54	ng		94
14) 1,2-Dichlorobenzene	7.50	146	182769	41.63	ng		94
15) Benzyl Alcohol	7.47	79	143750	40.75	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.66	45	257604	41.67	ng		99
17) 2-Methylphenol	7.62	107	143728	43.81	ng		98
18) Hexachloroethane	7.92	117	67884	41.79	ng		91
19) n-Nitroso-di-n-propylamine	7.82	70	138919	43.28	ng	#	80
20) 3+4-Methylphenols	7.82	107	192594	44.05	ng	#	47
22) Acetophenone	7.80	105	256467	41.67	ng		93
24) Nitrobenzene	8.01	77	189799	40.40	ng		97
25) Isophorone	8.31	82	356411	40.56	ng		98
26) 2-Nitrophenol	8.41	139	89373	45.96	ng		93
27) 2,4-Dimethylphenol	8.47	122	170372	43.78	ng		96
28) bis(2-Chloroethoxy)methane	8.59	93	221418	40.87	ng		99
29) 2,4-Dichlorophenol	8.71	162	149675	43.26	ng		96
30) 1,2,4-Trichlorobenzene	8.81	180	155181	40.83	ng		97
31) Naphthalene	8.90	128	553016	42.61	ng		99
32) Benzoic acid	8.57	122	79353	34.59	ng		93
33) 4-Chloroaniline	8.97	127	228417	41.59	ng		98
34) Hexachlorobutadiene	9.05	225	84702	38.70	ng		97
35) Caprolactam	9.40	113	54259	48.49	ng	#	87
36) 4-Chloro-3-methylphenol	9.59	107	162001	44.57	ng	#	82
37) 2-Methylnaphthalene	9.76	142	381061	42.37	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.96	216	153431	39.29	ng	#	100
40) Hexachlorocyclopentadiene	9.95	237	58213	29.65	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.11	196	114435	42.63	ng		96
43) 2,4,5-Trichlorophenol	10.16	196	115946	42.72	ng		96
45) 1,1'-Biphenyl	10.34	154	442807	40.17	ng		98
46) 2-Chloronaphthalene	10.36	162	350965	40.82	ng		97
47) 2-Nitroaniline	10.49	65	104372	41.90	ng		98
48) Acenaphthylene	10.88	152	590602	41.84	ng		98
49) Dimethylphthalate	10.73	163	424985	41.76	ng		100
50) 2,6-Dinitrotoluene	10.80	165	84231	41.94	ng		98
51) Acenaphthene	11.10	154	333019	39.56	ng		98
52) 3-Nitroaniline	11.01	138	112992	45.04	ng	#	90
53) 2,4-Dinitrophenol	11.14	184	24034	42.10	ng	#	77
54) Dibenzofuran	11.30	168	487759	40.11	ng		98
55) 4-Nitrophenol	11.22	139	86618	43.63	ng		87
56) 2,4-Dinitrotoluene	11.30	165	122414	46.11	ng	#	72
57) Fluorene	11.74	166	407881	40.87	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.46	232	91352	41.19	ng	#	100
59) Diethylphthalate	11.61	149	420983	41.76	ng		99
60) 4-Chlorophenyl-phenylether	11.74	204	174489	39.41	ng		89
61) 4-Nitroaniline	11.76	138	113591	45.26	ng		93
62) Azobenzene	11.93	77	387413	39.00	ng		94
64) 4,6-Dinitro-2-methylphenol	11.81	198	51425	45.76	ng	#	62
65) n-Nitrosodiphenylamine	11.89	169	360125	39.36	ng		98
66) 4-Bromophenyl-phenylether	12.34	248	112237	39.20	ng	#	86
67) Hexachlorobenzene	12.41	284	129376	39.53	ng	#	81
68) Atrazine	12.56	200	106901	40.18	ng		99
69) Pentachlorophenol	12.66	266	59503	35.26	ng		98
70) Phenanthrene	12.93	178	601155	39.12	ng		99
71) Anthracene	12.99	178	626831	41.57	ng		99
72) Carbazole	13.20	167	615918	42.86	ng		98
73) Di-n-butylphthalate	13.65	149	739665	42.92	ng	#	97
74) Fluoranthene	14.40	202	668550	41.75	ng		98
76) Benzidine	14.58	184	372947	46.33	ng		98
77) Pyrene	14.69	202	699461	40.64	ng		99
79) Butylbenzylphthalate	15.51	149	335425	44.58	ng		92
80) Benzo(a)anthracene	16.17	228	669085	40.91	ng		99
81) 3,3'-Dichlorobenzidine	16.15	252	259068	44.47	ng	#	97
82) Chrysene	16.22	228	625567	39.77	ng		100
83) Bis(2-ethylhexyl)phthalate	16.23	149	491827	43.16	ng		99
84) Di-n-octyl phthalate	16.99	149	858869	42.80	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.34	276	901079	44.96	ng	#	100
87) Benzo(b)fluoranthene	17.44	252	699997	39.47	ng		98
88) Benzo(k)fluoranthene	17.47	252	718124m	41.83	ng		
89) Benzo(a)pyrene	17.81	252	677573	41.49	ng	#	94
90) Dibenzo(a,h)anthracene	19.37	278	720047	41.49	ng		100
91) Benzo(g,h,i)perylene	19.78	276	726996	41.79	ng		99

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

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