Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079035.D
Acq On : 8 May 2015 11:51
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/8/2015 3:54:05 PM

Quant Time: May 08 13:04:48 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 19:07:47 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	96686	20.00	ng		-0.02
21) Naphthalene-d8	8.92	136	411078	20.00	ng		-0.02
38) Acenaphthene-d10	11.10	164	203997	20.00	ng		-0.03
63) Phenanthrene-d10	12.95	188	423491	20.00	ng		-0.02
75) Chrysene-d12	16.29	240	456435	20.00	ng		-0.01
86) Perylene-d12	18.15	264	495601	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	429413	76.45	ng		-0.02
7) Phenol-d6	6.90	99	592733	79.84	ng		-0.02
23) Nitrobenzene-d5	8.03	82	536770	75.04	ng		-0.03
41) 2,4,6-Tribromophenol	12.08	330	179594	81.38	ng		-0.03
44) 2-Fluorobiphenyl	10.26	172	1041825	71.15	ng		-0.03
78) Terphenyl-d14	14.95	244	1298701	68.12	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	88004	36.04	ng	#	21
3) Pyridine	3.04	79	290445	40.64	ng		99
4) n-Nitrosodimethylamine	2.97	42	124484	40.65	ng		81
6) Aniline	6.94	93	421648	40.23	ng		99
8) 2-Chlorophenol	7.07	128	248651	39.03	ng		97
9) Benzaldehyde	6.79	77	182421	36.47	ng		87
10) Phenol	6.92	94	353592	41.05	ng		79
11) bis(2-Chloroethyl)ether	7.03	93	228825	36.24	ng		99
12) 1,3-Dichlorobenzene	7.27	146	277015	38.69	ng		95
13) 1,4-Dichlorobenzene	7.37	146	273826	37.16	ng		97
14) 1,2-Dichlorobenzene	7.55	146	255824	37.29	ng		97
15) Benzyl Alcohol	7.53	79	207331	37.62	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.70	45	365849	37.87	ng		99
17) 2-Methylphenol	7.67	107	198206	38.66	ng		98
18) Hexachloroethane	7.96	117	82746	32.60	ng	#	87
19) n-Nitroso-di-n-propylamine	7.86	70	192708	38.43	ng	#	85
20) 3+4-Methylphenols	7.86	107	269988	39.52	ng	#	50
22) Acetophenone	7.85	105	349371	37.62	ng	#	96
24) Nitrobenzene	8.06	77	263388	37.15	ng		99
25) Isophorone	8.35	82	496928	37.48	ng		99
26) 2-Nitrophenol	8.46	139	118733	40.46	ng		96
27) 2,4-Dimethylphenol	8.51	122	228585	38.93	ng		99
28) bis(2-Chloroethoxy)methane	8.64	93	293613	35.92	ng		98
29) 2,4-Dichlorophenol	8.75	162	217945	41.74	ng		97
30) 1,2,4-Trichlorobenzene	8.86	180	213448	37.21	ng		99
31) Naphthalene	8.95	128	753010	38.44	ng		99
32) Benzoic acid	8.63	122	132861	37.68	ng		98
33) 4-Chloroaniline	9.02	127	324428	39.14	ng		96
34) Hexachlorobutadiene	9.10	225	114986	34.81	ng		96
35) Caprolactam	9.46	113	76065	45.05	ng		92
36) 4-Chloro-3-methylphenol	9.63	107	228804	41.72	ng	#	83
37) 2-Methylnaphthalene	9.80	142	505376	37.23	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.01	216	208428	36.28	ng	#	100
40) Hexachlorocyclopentadiene	10.00	237	18747	6.49	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.16	196	154446	39.10	ng		96
43) 2,4,5-Trichlorophenol	10.20	196	161249	40.38	ng		97
45) 1,1'-Biphenyl	10.39	154	591896	36.50	ng		99
46) 2-Chloronaphthalene	10.41	162	469340	37.10	ng		99
47) 2-Nitroaniline	10.54	65	151948	41.46	ng		95
48) Acenaphthylene	10.92	152	786545	37.87	ng		99
49) Dimethylphthalate	10.78	163	544634	36.38	ng		99
50) 2,6-Dinitrotoluene	10.86	165	113417	38.39	ng	#	60
51) Acenaphthene	11.14	154	461150	37.23	ng		100
52) 3-Nitroaniline	11.05	138	160531	43.49	ng	#	80
53) 2,4-Dinitrophenol	11.19	184	4383	8.60	ng		90
54) Dibenzofuran	11.36	168	696810	38.95	ng		97
55) 4-Nitrophenol	11.27	139	111427	38.14	ng	#	80
56) 2,4-Dinitrotoluene	11.35	165	146313	37.46	ng		87
57) Fluorene	11.78	166	561904	38.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	11.51	232	124503	38.15	ng	#	100
59) Diethylphthalate	11.66	149	559829	37.74	ng		100
60) 4-Chlorophenyl-phenylether	11.78	204	233152	35.79	ng	#	80
61) 4-Nitroaniline	11.82	138	193403	52.38	ng		91
62) Azobenzene	11.99	77	552719	37.82	ng		93
64) 4,6-Dinitro-2-methylphenol	11.85	198	14585	12.23	ng		96
65) n-Nitrosodiphenylamine	11.94	169	507681	36.00	ng		99
66) 4-Bromophenyl-phenylether	12.40	248	158542	35.92	ng		91
67) Hexachlorobenzene	12.46	284	176799	35.04	ng		97
68) Atrazine	12.60	200	138296	33.72	ng		98
69) Pentachlorophenol	12.71	266	70070	28.55	ng		96
70) Phenanthrene	12.98	178	873301	36.86	ng		100
71) Anthracene	13.04	178	853880	36.74	ng		99
72) Carbazole	13.25	167	837630	37.81	ng		99
73) Di-n-butylphthalate	13.69	149	971857	36.58	ng		99
74) Fluoranthene	14.46	202	956891	38.76	ng		99
76) Benzidine	14.64	184	614215	49.93	ng		98
77) Pyrene	14.74	202	1000751	38.05	ng		99
79) Butylbenzylphthalate	15.58	149	478708	41.64	ng	#	77
80) Benzo(a)anthracene	16.27	228	976720	39.08	ng		99
81) 3,3'-Dichlorobenzidine	16.25	252	397659	44.66	ng		99
82) Chrysene	16.32	228	863428	35.92	ng		100
83) Bis(2-ethylhexyl)phthalate	16.32	149	625826	35.94	ng	#	98
84) Di-n-octyl phthalate	17.18	149	1207918	39.38	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.68	276	1155780	37.73	ng	#	100
87) Benzo(b)fluoranthene	17.66	252	1036338	38.20	ng		99
88) Benzo(k)fluoranthene	17.70	252	965136m	36.75	ng		
89) Benzo(a)pyrene	18.08	252	954228	38.20	ng		98
90) Dibenzo(a,h)anthracene	19.70	278	915073	34.47	ng		98
91) Benzo(g,h,i)perylene	20.13	276	909295	34.18	ng		95

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

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