Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060315\
Data File : BF079698.D
Acq On : 4 Jun 2015 10:16
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 05 12:02:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 05 10:52:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	86127	20.00	ng		0.00
21) Naphthalene-d8	8.82	136	331339	20.00	ng		0.01
38) Acenaphthene-d10	10.59	164	181183	20.00	ng		0.00
63) Phenanthrene-d10	12.13	188	332699	20.00	ng		-0.01
75) Chrysene-d12	15.26	240	352773	20.00	ng		-0.13
86) Perylene-d12	17.30	264	331864	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	410980	86.60	ng		0.00
7) Phenol-d6	7.11	99	529983	84.95	ng		0.00
23) Nitrobenzene-d5	8.08	82	501921	87.88	ng		0.00
41) 2,4,6-Tribromophenol	11.39	330	130127	87.02	ng		0.00
44) 2-Fluorobiphenyl	9.90	172	1059921	88.87	ng		0.01
78) Terphenyl-d14	13.90	244	1211453	87.24	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	87021	39.62	ng		98
3) Pyridine	4.31	79	241309	38.22	ng		98
4) n-Nitrosodimethylamine	4.23	42	108766	38.64	ng		99
6) Aniline	7.18	93	386704	43.19	ng		95
8) 2-Chlorophenol	7.30	128	230393	41.72	ng		93
9) Benzaldehyde	7.07	77	157705	43.61	ng		80
10) Phenol	7.13	94	281926	42.15	ng		90
11) bis(2-Chloroethyl)ether	7.23	93	237479	44.54	ng		96
12) 1,3-Dichlorobenzene	7.46	146	261197	41.37	ng		97
13) 1,4-Dichlorobenzene	7.54	146	289334	44.81	ng		97
14) 1,2-Dichlorobenzene	7.70	146	255609	43.73	ng		98
15) Benzyl Alcohol	7.64	79	198354	43.62	ng	#	90
16) 2,2'-oxybis(1-Chloropropan	7.78	45	358332	40.31	ng		99
17) 2-Methylphenol	7.75	107	188788	41.41	ng		94
18) Hexachloroethane	8.04	117	74136	35.08	ng		99
19) n-Nitroso-di-n-propylamine	7.91	70	191758	44.92	ng		98
20) 3+4-Methylphenols	7.90	107	257375	42.63	ng		94
22) Acetophenone	7.92	105	347693	44.84	ng	#	96
24) Nitrobenzene	8.09	77	229345	41.30	ng		93
25) Isophorone	8.33	82	480453	42.55	ng		97
26) 2-Nitrophenol	8.42	139	77756	42.40	ng	#	70
27) 2,4-Dimethylphenol	8.43	122	225176	43.57	ng		96
28) bis(2-Chloroethoxy)methane	8.54	93	265475	40.92	ng	#	98
29) 2,4-Dichlorophenol	8.66	162	194632	42.22	ng		90
30) 1,2,4-Trichlorobenzene	8.75	180	240926	46.38	ng		98
31) Naphthalene	8.83	128	691868	39.94	ng		99
32) Benzoic acid	8.49	122	81233	52.70	ng		94
33) 4-Chloroaniline	8.87	127	392555	41.68	ng		96
34) Hexachlorobutadiene	8.96	225	132513	45.51	ng		99
35) Caprolactam	9.21	113	60231	47.46	ng	#	79
36) 4-Chloro-3-methylphenol	9.34	107	208037	44.22	ng	#	81
37) 2-Methylnaphthalene	9.53	142	465877	40.32	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.70	216	239919	41.26	ng		99
40) Hexachlorocyclopentadiene	9.69	237	24898	8.98	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	153101	48.42	ng		97
43) 2,4,5-Trichlorophenol	9.84	196	140379	40.08	ng	#	88
45) 1,1'-Biphenyl	10.00	154	593857	42.50	ng		98
46) 2-Chloronaphthalene	10.03	162	454380	41.51	ng		97
47) 2-Nitroaniline	10.11	65	99945	44.34	ng	#	43
48) Acenaphthylene	10.46	152	745210	41.07	ng		99
49) Dimethylphthalate	10.27	163	517428	38.98	ng		100
50) 2,6-Dinitrotoluene	10.34	165	78373	37.16	ng	#	87
51) Acenaphthene	10.63	154	426187	38.76	ng		99
52) 3-Nitroaniline	10.51	138	115664	44.46	ng		95
53) 2,4-Dinitrophenol	10.63	184	3188	5.32	ng	#	1
54) Dibenzofuran	10.80	168	638954	40.03	ng		99
55) 4-Nitrophenol	10.65	139	80355	38.30	ng	#	70
56) 2,4-Dinitrotoluene	10.75	165	103892	40.94	ng	#	85
57) Fluorene	11.15	166	504133	38.65	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.91	232	117520	48.41	ng		95
59) Diethylphthalate	10.98	149	514304	40.34	ng		99
60) 4-Chlorophenyl-phenylether	11.13	204	252143	42.83	ng		97
61) 4-Nitroaniline	11.14	138	115056	44.83	ng	#	71
62) Azobenzene	11.29	77	499813	41.93	ng		96
64) 4,6-Dinitro-2-methylphenol	11.17	198	5395	12.65	ng	#	68
65) n-Nitrosodiphenylamine	11.25	169	439653	42.08	ng		100
66) 4-Bromophenyl-phenylether	11.63	248	155562	46.60	ng	#	81
67) Hexachlorobenzene	11.71	284	157968	40.27	ng	#	71
68) Atrazine	11.76	200	113795	42.53	ng		97
69) Pentachlorophenol	11.91	266	76087	52.95	ng		98
70) Phenanthrene	12.15	178	755598	41.08	ng		100
71) Anthracene	12.21	178	765403	41.36	ng		99
72) Carbazole	12.35	167	684846	40.30	ng		99
73) Di-n-butylphthalate	12.69	149	850657	45.67	ng	#	82
74) Fluoranthene	13.46	202	799351	40.30	ng		99
76) Benzidine	13.59	184	505847	63.03	ng		99
77) Pyrene	13.74	202	817269	40.24	ng		99
79) Butylbenzylphthalate	14.47	149	356096	50.23	ng		91
80) Benzo(a)anthracene	15.25	228	822728	42.65	ng		99
81) 3,3'-Dichlorobenzidine	15.18	252	304472	52.83	ng	#	98
82) Chrysene	15.29	228	790004	40.70	ng		99
83) Bis(2-ethylhexyl)phthalate	15.21	149	550333	47.57	ng		99
84) Di-n-octyl phthalate	16.08	149	937958	53.33	ng		97
85) Indeno(1,2,3-cd)pyrene	19.36	276	813116	42.84	ng		100
87) Benzo(b)fluoranthene	16.71	252	797818	46.52	ng		100
88) Benzo(k)fluoranthene	16.75	252	769742	38.31	ng		100
89) Benzo(a)pyrene	17.22	252	738305	44.03	ng		98
90) Dibenzo(a,h)anthracene	19.38	278	676863	43.08	ng		99
91) Benzo(g,h,i)perylene	19.98	276	658165	39.49	ng		98

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

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