Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052016\
Data File : BF087250.D
Acq On : 21 May 2016 3:46
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: May 21 04:40:01 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 21 00:19:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	147305	20.00	ng		0.00
21) Naphthalene-d8	7.85	136	639895	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	294581	20.00	ng		0.00
63) Phenanthrene-d10	11.06	188	543992	20.00	ng		-0.01
75) Chrysene-d12	13.70	240	349530	20.00	ng		0.00
86) Perylene-d12	15.04	264	297831	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	711578	81.20	ng		0.00
7) Phenol-d6	6.23	99	816860	69.50	ng		0.00
23) Nitrobenzene-d5	7.14	82	961013	74.85	ng		0.00
41) 2,4,6-Tribromophenol	10.39	330	222898	68.47	ng		0.00
44) 2-Fluorobiphenyl	8.92	172	1303252	73.27	ng		0.00
78) Terphenyl-d14	12.65	244	1447296	93.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.96	88	175689	38.97	ng	#	74
3) Pyridine	2.58	79	405888	37.22	ng	#	66
4) n-Nitrosodimethylamine	2.56	42	290144	37.54	ng	#	52
6) Aniline	6.23	93	563438	37.74	ng		93
8) 2-Chlorophenol	6.34	128	417600	39.16	ng	#	80
9) Benzaldehyde	6.10	77	237388	36.82	ng		94
10) Phenol	6.24	94	533804	36.13	ng	#	61
11) bis(2-Chloroethyl)ether	6.31	93	445237	40.13	ng		90
12) 1,3-Dichlorobenzene	6.49	146	440833m	38.89	ng		
13) 1,4-Dichlorobenzene	6.57	146	442745m	38.18	ng		
14) 1,2-Dichlorobenzene	6.73	146	414915	40.87	ng		99
15) Benzyl Alcohol	6.73	79	345843	39.52	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.84	45	894711	39.23	ng		89
17) 2-Methylphenol	6.86	107	328010	37.46	ng	#	81
18) Hexachloroethane	7.06	117	178954	40.36	ng		98
19) n-Nitroso-di-n-propylamine	6.99	70	305678	34.21	ng	#	66
20) 3+4-Methylphenols	7.02	107	446516	38.66	ng	#	58
22) Acetophenone	6.99	105	638273	40.76	ng	#	92
24) Nitrobenzene	7.15	77	481363	34.34	ng		92
25) Isophorone	7.40	82	905860	38.54	ng		96
26) 2-Nitrophenol	7.47	139	229159	39.46	ng	#	70
27) 2,4-Dimethylphenol	7.53	122	359133	36.24	ng	#	86
28) bis(2-Chloroethoxy)methane	7.62	93	497989	38.59	ng		99
29) 2,4-Dichlorophenol	7.72	162	362785	41.54	ng		97
30) 1,2,4-Trichlorobenzene	7.79	180	378321	39.04	ng		96
31) Naphthalene	7.87	128	1211558	38.75	ng		100
32) Benzoic acid	7.71	122	198431	33.59	ng	#	77
33) 4-Chloroaniline	7.94	127	464323	35.73	ng		99
34) Hexachlorobutadiene	7.99	225	232673	42.31	ng		99
35) Caprolactam	8.33	113	103170	35.48	ng	#	54
36) 4-Chloro-3-methylphenol	8.44	107	396695	37.66	ng		99
37) 2-Methylnaphthalene	8.65	142	693976	34.70	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.73	216	366265	42.57	ng		100
40) Hexachlorocyclopentadiene	8.71	237	94117	33.40	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	215989	38.71	ng		93
43) 2,4,5-Trichlorophenol	8.90	196	211059	36.41	ng	#	93
45) 1,1'-Biphenyl	9.03	154	1067622	43.71	ng		99
46) 2-Chloronaphthalene	9.05	162	752704	40.14	ng		99
47) 2-Nitroaniline	9.16	65	272899	37.98	ng		94
48) Acenaphthylene	9.45	152	1041460	36.37	ng		99
49) Dimethylphthalate	9.34	163	862069	38.36	ng		100
50) 2,6-Dinitrotoluene	9.40	165	199889	40.97	ng		91
51) Acenaphthene	9.62	154	649984	36.33	ng		98
52) 3-Nitroaniline	9.58	138	212117	40.16	ng		91
53) 2,4-Dinitrophenol	9.69	184	94283	36.46	ng	#	73
54) Dibenzofuran	9.79	168	841200	36.36	ng	#	89
55) 4-Nitrophenol	9.77	139	72389m	31.90	ng		
56) 2,4-Dinitrotoluene	9.80	165	236992	37.92	ng	#	68
57) Fluorene	10.14	166	673777	36.25	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.93	232	179554	39.77	ng		97
59) Diethylphthalate	10.03	149	907522	42.30	ng		97
60) 4-Chlorophenyl-phenylether	10.14	204	387259	43.96	ng		88
61) 4-Nitroaniline	10.19	138	209943	40.25	ng	#	74
62) Azobenzene	10.30	77	993970	40.21	ng		88
64) 4,6-Dinitro-2-methylphenol	10.22	198	134212	37.46	ng	#	26
65) n-Nitrosodiphenylamine	10.26	169	694366	40.56	ng		99
66) 4-Bromophenyl-phenylether	10.62	248	213741	38.21	ng		89
67) Hexachlorobenzene	10.68	284	243795	37.59	ng	#	83
68) Atrazine	10.80	200	215277	38.55	ng		95
69) Pentachlorophenol	10.89	266	82704	33.94	ng		96
70) Phenanthrene	11.10	178	1181512	40.05	ng		100
71) Anthracene	11.14	178	1069161	35.83	ng		100
72) Carbazole	11.31	167	1056389	38.75	ng		100
73) Di-n-butylphthalate	11.65	149	1371835	43.81	ng		99
74) Fluoranthene	12.27	202	1129878	38.22	ng		96
76) Benzidine	12.41	184	391115	39.58	ng		97
77) Pyrene	12.50	202	1156063	45.78	ng		100
79) Butylbenzylphthalate	13.13	149	540700	50.72	ng		96
80) Benzo(a)anthracene	13.68	228	796351	39.40	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	538779	41.90	ng		99
82) Chrysene	13.73	228	867730	44.38	ng		100
83) Bis(2-ethylhexyl)phthalate	13.69	149	670220	51.66	ng	#	99
84) Di-n-octyl phthalate	14.30	149	1054150	47.17	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.27	276	699060	40.73	ng		96
87) Benzo(b)fluoranthene	14.69	252	704747m	35.67	ng		
88) Benzo(k)fluoranthene	14.71	252	641067m	43.58	ng		
89) Benzo(a)pyrene	14.99	252	639205	38.70	ng		99
90) Dibenzo(a,h)anthracene	16.27	278	582442	41.89	ng		97
91) Benzo(g,h,i)perylene	16.63	276	600061	42.73	ng		95

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

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