Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
Data File : BF095180.D
Acq On : 17 May 2017 4:33
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 17 08:39:58 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	106418	20.00	ng		0.04
21) Naphthalene-d8	9.79	136	412918	20.00	ng		0.04
38) Acenaphthene-d10	12.62	164	186096	20.00	ng		0.04
63) Phenanthrene-d10	15.02	188	286049	20.00	ng		0.04
75) Chrysene-d12	18.69	240	247029	20.00	ng		0.04
86) Perylene-d12	20.36	264	187254	20.00	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	604196	94.66	ng		0.06
7) Phenol-d6	7.32	99	613432	80.10	ng		0.04
23) Nitrobenzene-d5	8.68	82	533850	81.53	ng		0.05
41) 2,4,6-Tribromophenol	13.92	330	111923	73.44	ng		0.04
44) 2-Fluorobiphenyl	11.57	172	1102233	85.25	ng		0.04
78) Terphenyl-d14	17.34	244	866963	77.30	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	133722	42.72	ng		95
3) Pyridine	2.91	79	332960m	45.89	ng		
4) n-Nitrosodimethylamine	2.84	42	120662	39.90	ng	#	71
6) Aniline	7.28	93	387519	40.08	ng		94
8) 2-Chlorophenol	7.47	128	291681	40.15	ng		97
9) Benzaldehyde	7.10	77	177667	37.99	ng		98
10) Phenol	7.34	94	300825	37.27	ng		87
11) bis(2-Chloroethyl)ether	7.41	93	263443	39.54	ng		95
12) 1,3-Dichlorobenzene	7.68	146	329399	39.97	ng		100
13) 1,4-Dichlorobenzene	7.80	146	334605	40.04	ng		98
14) 1,2-Dichlorobenzene	8.04	146	317604	40.71	ng		96
15) Benzyl Alcohol	8.06	79	205021	41.62	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	365749	38.79	ng		66
17) 2-Methylphenol	8.27	107	238834	40.17	ng		97
18) Hexachloroethane	8.55	117	94503	33.38	ng	#	85
19) n-Nitroso-di-n-propylamine	8.48	70	204568	39.49	ng		93
20) 3+4-Methylphenols	8.53	107	317337	39.28	ng	#	61
22) Acetophenone	8.45	105	406176	41.00	ng	#	84
24) Nitrobenzene	8.71	77	271431	39.55	ng		94
25) Isophorone	9.11	82	472517	40.41	ng	#	94
26) 2-Nitrophenol	9.21	139	136948	36.98	ng		98
27) 2,4-Dimethylphenol	9.35	122	246140	41.11	ng		98
28) bis(2-Chloroethoxy)methane	9.47	93	336190	41.56	ng		97
29) 2,4-Dichlorophenol	9.63	162	229318	40.56	ng		97
30) 1,2,4-Trichlorobenzene	9.72	180	246494	40.69	ng		99
31) Naphthalene	9.82	128	836788	40.32	ng		99
32) Benzoic acid	9.65	122	92712	26.17	ng		93
33) 4-Chloroaniline	9.96	127	325620	42.10	ng	#	93
34) Hexachlorobutadiene	10.04	225	131098	41.02	ng		98
35) Caprolactam	10.59	113	74767m	44.04	ng		
36) 4-Chloro-3-methylphenol	10.82	107	265578	43.93	ng		92
37) 2-Methylnaphthalene	10.95	142	599410	44.01	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	248498	43.42	ng		99
40) Hexachlorocyclopentadiene	11.20	237	13502	11.24	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	163550	42.80	ng		98
43) 2,4,5-Trichlorophenol	11.54	196	154925	37.72	ng	#	92
45) 1,1'-Biphenyl	11.72	154	693009	44.23	ng		98
46) 2-Chloronaphthalene	11.74	162	538377	42.55	ng		95
47) 2-Nitroaniline	11.95	65	152128	43.93	ng	#	76
48) Acenaphthylene	12.39	152	808190	40.78	ng		99
49) Dimethylphthalate	12.27	163	647131	42.36	ng		99
50) 2,6-Dinitrotoluene	12.36	165	124780	40.03	ng		95
51) Acenaphthene	12.68	154	473581	40.01	ng		99
52) 3-Nitroaniline	12.64	138	137077	40.98	ng		87
53) 2,4-Dinitrophenol	12.88	184	1778	7.20	ng	#	59
54) Dibenzofuran	12.97	168	655377	40.01	ng		96
55) 4-Nitrophenol	13.05	139	57114m	28.43	ng		
56) 2,4-Dinitrotoluene	13.03	165	142927	35.69	ng		95
57) Fluorene	13.52	166	529863	37.20	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	93267	36.08	ng	#	97
59) Diethylphthalate	13.41	149	619931	42.34	ng		98
60) 4-Chlorophenyl-phenylether	13.54	204	255086	40.75	ng		91
61) 4-Nitroaniline	13.63	138	100800	32.82	ng		92
62) Azobenzene	13.80	77	458790	38.99	ng		93
64) 4,6-Dinitro-2-methylphenol	13.71	198	13362	6.97	ng	#	79
65) n-Nitrosodiphenylamine	13.75	169	465034	44.79	ng		99
66) 4-Bromophenyl-phenylether	14.33	248	131834	43.62	ng		98
67) Hexachlorobenzene	14.42	284	126835	40.95	ng	#	91
68) Atrazine	14.67	200	114846	39.18	ng		97
69) Pentachlorophenol	14.78	266	43816	34.86	ng		96
70) Phenanthrene	15.07	178	659648	40.14	ng		98
71) Anthracene	15.15	178	681929	40.62	ng		97
72) Carbazole	15.43	167	594371	38.91	ng		96
73) Di-n-butylphthalate	15.99	149	870109	45.68	ng		99
74) Fluoranthene	16.81	202	692663	41.08	ng		98
76) Benzidine	17.03	184	221206	35.15	ng	#	92
77) Pyrene	17.11	202	723316	39.15	ng		99
79) Butylbenzylphthalate	18.00	149	340709	39.65	ng	#	83
80) Benzo(a)anthracene	18.68	228	531969	37.00	ng		98
81) 3,3'-Dichlorobenzidine	18.66	252	200633	40.41	ng	#	97
82) Chrysene	18.73	228	566691	40.76	ng		98
83) Bis(2-ethylhexyl)phthalate	18.75	149	499827	40.82	ng	#	100
84) Di-n-octyl phthalate	19.51	149	865420	43.11	ng		96
85) Indeno(1,2,3-cd)pyrene	21.70	276	380894	33.74	ng		98
87) Benzo(b)fluoranthene	19.96	252	467049	40.36	ng		99
88) Benzo(k)fluoranthene	19.99	252	504365	45.19	ng	#	95
89) Benzo(a)pyrene	20.31	252	422331	39.56	ng		99
90) Dibenzo(a,h)anthracene	21.70	278	329803	37.40	ng		96
91) Benzo(g,h,i)perylene	22.08	276	337342	38.98	ng		98

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

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