Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052617\
Data File : BF095478.D
Acq On : 27 May 2017 1:45
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 27 05:05:22 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 26 16:50:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	115736	20.00	ng		0.00
21) Naphthalene-d8	9.76	136	447761	20.00	ng		0.00
38) Acenaphthene-d10	12.60	164	182444	20.00	ng		0.00
63) Phenanthrene-d10	15.00	188	284070	20.00	ng		0.00
75) Chrysene-d12	18.68	240	238456	20.00	ng		0.00
86) Perylene-d12	20.36	264	179156	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	567587	81.76	ng		0.00
7) Phenol-d6	7.29	99	670376	80.49	ng		0.00
23) Nitrobenzene-d5	8.65	82	585600	82.47	ng		0.00
41) 2,4,6-Tribromophenol	13.90	330	100870	67.51	ng		0.00
44) 2-Fluorobiphenyl	11.54	172	1049679	82.81	ng		0.00
78) Terphenyl-d14	17.32	244	821123	75.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	127748	37.52	ng		93
3) Pyridine	2.84	79	299806	38.00	ng		99
4) n-Nitrosodimethylamine	2.78	42	111723	33.97	ng		86
6) Aniline	7.25	93	445317	42.35	ng		95
8) 2-Chlorophenol	7.44	128	318451	40.30	ng		94
9) Benzaldehyde	7.06	77	196016	38.54	ng		99
10) Phenol	7.31	94	383577	43.70	ng		90
11) bis(2-Chloroethyl)ether	7.38	93	295681	40.81	ng		93
12) 1,3-Dichlorobenzene	7.64	146	357926	39.93	ng		99
13) 1,4-Dichlorobenzene	7.77	146	367113	40.39	ng		96
14) 1,2-Dichlorobenzene	8.00	146	344592	40.62	ng		95
15) Benzyl Alcohol	8.03	79	226428	42.27	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	387977	37.83	ng		96
17) 2-Methylphenol	8.24	107	257250	39.78	ng		97
18) Hexachloroethane	8.51	117	100292	32.57	ng	#	85
19) n-Nitroso-di-n-propylamine	8.45	70	224827	39.91	ng		93
20) 3+4-Methylphenols	8.51	107	339253	38.61	ng	#	56
22) Acetophenone	8.42	105	440103	40.97	ng	#	83
24) Nitrobenzene	8.68	77	296774	39.87	ng		92
25) Isophorone	9.08	82	518220	40.87	ng		96
26) 2-Nitrophenol	9.19	139	112402	27.99	ng		97
27) 2,4-Dimethylphenol	9.32	122	264858	40.79	ng		96
28) bis(2-Chloroethoxy)methane	9.44	93	364727	41.58	ng		99
29) 2,4-Dichlorophenol	9.61	162	229444	37.42	ng		97
30) 1,2,4-Trichlorobenzene	9.69	180	261720	39.85	ng		100
31) Naphthalene	9.80	128	902230	40.09	ng		99
32) Benzoic acid	9.64	122	70860	19.94	ng		92
33) 4-Chloroaniline	9.94	127	353724	42.18	ng	#	92
34) Hexachlorobutadiene	10.01	225	136431	39.36	ng		98
35) Caprolactam	10.58	113	73589	39.97	ng	#	80
36) 4-Chloro-3-methylphenol	10.81	107	249920	38.13	ng		90
37) 2-Methylnaphthalene	10.92	142	590981	40.01	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	232677	41.47	ng		98
40) Hexachlorocyclopentadiene	11.17	237	5085	8.05	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	142118	37.94	ng		100
43) 2,4,5-Trichlorophenol	11.54	196	132896	33.01	ng	#	93
45) 1,1'-Biphenyl	11.69	154	665256	43.31	ng		98
46) 2-Chloronaphthalene	11.71	162	516242	41.62	ng		95
47) 2-Nitroaniline	11.93	65	151516	44.63	ng	#	80
48) Acenaphthylene	12.37	152	743558	38.27	ng		98
49) Dimethylphthalate	12.24	163	583010	38.93	ng		100
50) 2,6-Dinitrotoluene	12.34	165	105583	34.55	ng		94
51) Acenaphthene	12.65	154	443692	38.24	ng		99
52) 3-Nitroaniline	12.61	138	146173	44.57	ng		92
54) Dibenzofuran	12.94	168	634058	39.49	ng		98
55) 4-Nitrophenol	13.10	139	36723	18.64	ng	#	64
56) 2,4-Dinitrotoluene	13.02	165	135767	34.58	ng	#	93
57) Fluorene	13.49	166	514431	36.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.19	232	82091	32.40	ng	#	88
59) Diethylphthalate	13.38	149	587967	40.96	ng		98
60) 4-Chlorophenyl-phenylether	13.51	204	240003	39.11	ng		89
61) 4-Nitroaniline	13.62	138	113675	37.76	ng		94
62) Azobenzene	13.77	77	440866	38.22	ng		92
64) 4,6-Dinitro-2-methylphenol	13.72	198	5484	2.88	ng	#	1
65) n-Nitrosodiphenylamine	13.72	169	455944	44.22	ng		99
66) 4-Bromophenyl-phenylether	14.29	248	127747	42.57	ng		99
67) Hexachlorobenzene	14.39	284	121801	39.60	ng	#	87
68) Atrazine	14.64	200	90826	31.20	ng		95
69) Pentachlorophenol	14.76	266	48597	38.25	ng		98
70) Phenanthrene	15.04	178	649739	39.81	ng		98
71) Anthracene	15.12	178	670389	40.21	ng		98
72) Carbazole	15.41	167	588542	38.80	ng		97
73) Di-n-butylphthalate	15.96	149	690812	36.52	ng		98
74) Fluoranthene	16.78	202	656184	39.19	ng		98
76) Benzidine	17.01	184	284935	44.71	ng	#	92
77) Pyrene	17.08	202	684648	38.39	ng		99
79) Butylbenzylphthalate	17.98	149	332631	40.10	ng		88
80) Benzo(a)anthracene	18.67	228	537395	38.72	ng		98
81) 3,3'-Dichlorobenzidine	18.64	252	194148	40.51	ng	#	94
82) Chrysene	18.71	228	530471	39.53	ng		97
83) Bis(2-ethylhexyl)phthalate	18.72	149	464660	39.32	ng	#	99
84) Di-n-octyl phthalate	19.49	149	828471	42.76	ng		96
85) Indeno(1,2,3-cd)pyrene	21.68	276	372413	34.17	ng		98
87) Benzo(b)fluoranthene	19.94	252	479175	43.28	ng		98
88) Benzo(k)fluoranthene	19.97	252	449930	42.13	ng		96
89) Benzo(a)pyrene	20.30	252	407326	39.87	ng		99
90) Dibenzo(a,h)anthracene	21.68	278	320480	37.99	ng		96
91) Benzo(g,h,i)perylene	22.08	276	315846	38.15	ng		96

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

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