Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050117\
Data File : BF094745.D
Acq On : 1 May 2017 12:05
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 02 17:46:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.76	152	109312	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	454853	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	205055	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	372947	20.00	ng		0.00
75) Chrysene-d12	14.47	240	310264	20.00	ng		0.00
86) Perylene-d12	16.09	264	268153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	548750	83.29	ng		0.02
7) Phenol-d6	5.40	99	611448	78.72	ng		0.00
23) Nitrobenzene-d5	6.42	82	577769	78.43	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	141087	87.96	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1126615	80.84	ng		0.00
78) Terphenyl-d14	13.19	244	965364	83.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	152988	39.93	ng		95
3) Pyridine	2.64	79	347864	41.54	ng		98
4) n-Nitrosodimethylamine	2.59	42	134340	38.77	ng		86
6) Aniline	5.40	93	406169	39.35	ng		97
8) 2-Chlorophenol	5.54	128	306000	40.81	ng		95
9) Benzaldehyde	5.27	77	236333	40.00	ng		99
10) Phenol	5.41	94	378186	39.63	ng		96
11) bis(2-Chloroethyl)ether	5.48	93	279721	40.13	ng		96
12) 1,3-Dichlorobenzene	5.70	146	335127	40.35	ng		98
13) 1,4-Dichlorobenzene	5.78	146	334946	40.08	ng		97
14) 1,2-Dichlorobenzene	5.96	146	306720	39.84	ng		95
15) Benzyl Alcohol	5.95	79	233167	40.47	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	356666	39.02	ng	#	21
17) 2-Methylphenol	6.10	107	235420	39.87	ng	#	87
18) Hexachloroethane	6.34	117	119216	41.61	ng	#	86
19) n-Nitroso-di-n-propylamine	6.25	70	211985	41.19	ng		98
20) 3+4-Methylphenols	6.28	107	328567	40.95	ng	#	62
22) Acetophenone	6.24	105	428089	38.71	ng	#	85
24) Nitrobenzene	6.44	77	302542	39.00	ng		90
25) Isophorone	6.73	82	552784	40.48	ng	#	94
26) 2-Nitrophenol	6.81	139	172352	41.36	ng		99
27) 2,4-Dimethylphenol	6.89	122	268515	39.67	ng		99
28) bis(2-Chloroethoxy)methane	6.98	93	340357	38.53	ng		98
29) 2,4-Dichlorophenol	7.12	162	255433	40.56	ng		99
30) 1,2,4-Trichlorobenzene	7.20	180	263899	40.53	ng		99
31) Naphthalene	7.28	128	875584	40.04	ng		99
32) Benzoic acid	7.10	122	171387m	47.88	ng		
33) 4-Chloroaniline	7.37	127	350982	38.58	ng	#	94
34) Hexachlorobutadiene	7.44	225	132842	40.92	ng		98
35) Caprolactam	7.82	113	82324m	41.61	ng		
36) 4-Chloro-3-methylphenol	8.00	107	271775	41.18	ng		88
37) 2-Methylnaphthalene	8.12	142	601114	40.18	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	247659	42.41	ng		98
40) Hexachlorocyclopentadiene	8.31	237	96304	40.77	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	170445	41.57	ng		97
43) 2,4,5-Trichlorophenol	8.55	196	176532	41.92	ng		95
45) 1,1'-Biphenyl	8.70	154	698681	41.70	ng		99
46) 2-Chloronaphthalene	8.72	162	551409	41.39	ng		96
47) 2-Nitroaniline	8.87	65	156587	40.86	ng	#	79
48) Acenaphthylene	9.22	152	868544	41.82	ng		99
49) Dimethylphthalate	9.10	163	660510	43.22	ng		99
50) 2,6-Dinitrotoluene	9.17	165	145833	42.52	ng		92
51) Acenaphthene	9.44	154	513830	41.31	ng		100
52) 3-Nitroaniline	9.38	138	146233	36.85	ng		88
53) 2,4-Dinitrophenol	9.52	184	72957	42.14	ng	#	65
54) Dibenzofuran	9.65	168	739795	40.92	ng	#	90
55) 4-Nitrophenol	9.64	139	41919m	14.95	ng		
56) 2,4-Dinitrotoluene	9.67	165	183822	43.68	ng	#	86
57) Fluorene	10.07	166	578814	41.12	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	135466	44.88	ng	#	94
59) Diethylphthalate	9.96	149	614419	42.61	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	254907	43.51	ng		91
61) 4-Nitroaniline	10.13	138	144253	35.76	ng		96
62) Azobenzene	10.27	77	580480	41.46	ng		96
64) 4,6-Dinitro-2-methylphenol	10.17	198	103147	42.21	ng	#	69
65) n-Nitrosodiphenylamine	10.23	169	525957	40.55	ng		99
66) 4-Bromophenyl-phenylether	10.68	248	153337	41.41	ng		95
67) Hexachlorobenzene	10.75	284	153716	41.19	ng	#	84
68) Atrazine	10.91	200	162768	41.95	ng		95
69) Pentachlorophenol	11.01	266	64818	43.74	ng		98
70) Phenanthrene	11.25	178	854755	40.70	ng		98
71) Anthracene	11.31	178	902177	41.53	ng		99
72) Carbazole	11.52	167	818935	40.16	ng		98
73) Di-n-butylphthalate	11.97	149	974889	43.42	ng		99
74) Fluoranthene	12.71	202	838557	38.53	ng		99
76) Benzidine	12.89	184	390966	31.12	ng		95
77) Pyrene	12.98	202	857844	39.57	ng		99
79) Butylbenzylphthalate	13.80	149	416437	43.84	ng	#	86
80) Benzo(a)anthracene	14.46	228	734079	40.71	ng		99
81) 3,3'-Dichlorobenzidine	14.44	252	253157	39.66	ng	#	96
82) Chrysene	14.51	228	661938	40.16	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	561740	44.04	ng	#	98
84) Di-n-octyl phthalate	15.27	149	956471	44.70	ng		96
85) Indeno(1,2,3-cd)pyrene	17.38	276	588198	37.51	ng		99
87) Benzo(b)fluoranthene	15.70	252	678376	41.36	ng		98
88) Benzo(k)fluoranthene	15.73	252	622792	40.12	ng	#	94
89) Benzo(a)pyrene	16.04	252	618031	40.50	ng		99
90) Dibenzo(a,h)anthracene	17.40	278	489811	38.65	ng		99
91) Benzo(g,h,i)perylene	17.76	276	472982	36.66	ng		98

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

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