Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101216\
Data File : BF090527.D
Acq On : 12 Oct 2016 11:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
10/13/2016 2:04:36 PM

Quant Time: Oct 12 13:12:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 11 16:14:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	197383	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	819907	20.00	ng		-0.01
38) Acenaphthene-d10	9.99	164	439224	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	707172	20.00	ng		0.00
75) Chrysene-d12	14.13	240	525821	20.00	ng		0.00
86) Perylene-d12	15.60	264	354660	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	1017860	80.23	ng		0.01
7) Phenol-d6	6.60	99	1334720	83.36	ng		0.01
23) Nitrobenzene-d5	7.51	82	1102227	72.91	ng		0.00
41) 2,4,6-Tribromophenol	10.79	330	324783	74.60	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	2163608	82.78	ng		0.00
78) Terphenyl-d14	13.07	244	1956772	90.94	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	240503	38.64	ng	#	82
3) Pyridine	3.38	79	661352	38.45	ng	#	74
4) n-Nitrosodimethylamine	3.32	42	201121	35.68	ng	#	36
6) Aniline	6.61	93	812692	40.01	ng	#	49
8) 2-Chlorophenol	6.74	128	565808	41.92	ng		99
9) Benzaldehyde	6.50	77	408386	40.49	ng		99
10) Phenol	6.61	94	748374	41.44	ng	#	67
11) bis(2-Chloroethyl)ether	6.69	93	580941	42.97	ng		92
12) 1,3-Dichlorobenzene	6.89	146	584274	40.12	ng	#	91
13) 1,4-Dichlorobenzene	6.97	146	628237	42.29	ng		98
14) 1,2-Dichlorobenzene	7.13	146	585876	43.39	ng		95
15) Benzyl Alcohol	7.09	79	480895	39.12	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	701945	36.23	ng		70
17) 2-Methylphenol	7.22	107	463874	42.26	ng		96
18) Hexachloroethane	7.47	117	221483	40.40	ng	#	81
19) n-Nitroso-di-n-propylamine	7.37	70	416824	40.82	ng	#	79
20) 3+4-Methylphenols	7.37	107	569818	41.00	ng	#	73
22) Acetophenone	7.37	105	756268	41.90	ng	#	91
24) Nitrobenzene	7.54	77	668006	41.20	ng		91
25) Isophorone	7.78	82	1087146	39.52	ng		97
26) 2-Nitrophenol	7.86	139	303120	40.98	ng		94
27) 2,4-Dimethylphenol	7.89	122	497327	39.55	ng		96
28) bis(2-Chloroethoxy)methane	7.98	93	623794	36.71	ng	#	96
29) 2,4-Dichlorophenol	8.10	162	435826	41.44	ng		91
30) 1,2,4-Trichlorobenzene	8.18	180	481416	39.85	ng		99
31) Naphthalene	8.26	128	1535512	37.59	ng		98
32) Benzoic acid	8.02	122	318771	32.12	ng		98
33) 4-Chloroaniline	8.31	127	708949	41.00	ng	#	89
34) Hexachlorobutadiene	8.38	225	270502	40.05	ng		97
35) Caprolactam	8.68	113	131143	38.46	ng	#	77
36) 4-Chloro-3-methylphenol	8.79	107	473799	38.58	ng		96
37) 2-Methylnaphthalene	8.95	142	1090963	39.79	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	445107	36.20	ng		99
40) Hexachlorocyclopentadiene	9.10	237	202634	33.20	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	304503	36.73	ng		97
43) 2,4,5-Trichlorophenol	9.27	196	337985	41.19	ng		95
45) 1,1'-Biphenyl	9.41	154	1257748	37.49	ng		95
46) 2-Chloronaphthalene	9.45	162	1013535	40.61	ng		93
47) 2-Nitroaniline	9.54	65	312356	35.09	ng		95
48) Acenaphthylene	9.86	152	1507188	37.43	ng		99
49) Dimethylphthalate	9.72	163	1169022	39.57	ng		99
50) 2,6-Dinitrotoluene	9.78	165	238073	36.50	ng		93
51) Acenaphthene	10.03	154	951314	35.25	ng		97
52) 3-Nitroaniline	9.96	138	304715	37.65	ng	#	75
53) 2,4-Dinitrophenol	10.05	184	111136	30.71	ng	#	87
54) Dibenzofuran	10.20	168	1273535	35.46	ng		95
55) 4-Nitrophenol	10.13	139	219946	34.97	ng	#	72
56) 2,4-Dinitrotoluene	10.18	165	321364	37.25	ng	#	35
57) Fluorene	10.54	166	1042840	35.57	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	259751	37.95	ng		94
59) Diethylphthalate	10.42	149	1158158	38.55	ng		94
60) 4-Chlorophenyl-phenylether	10.53	204	499499	36.93	ng		93
61) 4-Nitroaniline	10.58	138	307004	37.18	ng		83
62) Azobenzene	10.69	77	1158406	35.31	ng		89
64) 4,6-Dinitro-2-methylphenol	10.59	198	160213	33.92	ng	#	80
65) n-Nitrosodiphenylamine	10.66	169	936976	40.74	ng		98
66) 4-Bromophenyl-phenylether	11.02	248	287493	36.69	ng	#	89
67) Hexachlorobenzene	11.09	284	335324	38.74	ng	#	92
68) Atrazine	11.18	200	269819	37.91	ng		98
69) Pentachlorophenol	11.29	266	163781	31.80	ng		99
70) Phenanthrene	11.50	178	1464936	37.59	ng		97
71) Anthracene	11.56	178	1603620	40.61	ng		98
72) Carbazole	11.72	167	1494295	40.07	ng		97
73) Di-n-butylphthalate	12.04	149	1645186	36.63	ng		98
74) Fluoranthene	12.69	202	1500137	37.71	ng		98
76) Benzidine	12.82	184	637614	38.58	ng		97
77) Pyrene	12.93	202	1576546	47.90	ng		97
79) Butylbenzylphthalate	13.55	149	700439	45.46	ng	#	87
80) Benzo(a)anthracene	14.12	228	1296729	41.38	ng		97
81) 3,3'-Dichlorobenzidine	14.09	252	472358	41.89	ng	#	99
82) Chrysene	14.16	228	1268469	43.49	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	954900	42.47	ng	#	96
84) Di-n-octyl phthalate	14.72	149	1333580	38.30	ng	#	87
85) Indeno(1,2,3-cd)pyrene	17.07	276	843978	34.75	ng		98
87) Benzo(b)fluoranthene	15.17	252	979633	41.86	ng		99
88) Benzo(k)fluoranthene	15.20	252	864060m	41.45	ng		
89) Benzo(a)pyrene	15.54	252	819934	39.90	ng		98
90) Dibenzo(a,h)anthracene	17.09	278	729125	41.77	ng	#	96
91) Benzo(g,h,i)perylene	17.52	276	711723	44.09	ng		96

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

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