Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090482.D
Acq On : 8 Oct 2016 11:57
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
10/10/2016 6:51:11 PM

Quant Time: Oct 10 01:34:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.99	152	293185	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	1200634	20.00	ng		-0.01
38) Acenaphthene-d10	10.04	164	625221	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	914984	20.00	ng		-0.01
75) Chrysene-d12	14.18	240	557751	20.00	ng		-0.02
86) Perylene-d12	15.69	264	506304	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1490666	75.88	ng		0.00
7) Phenol-d6	6.63	99	1931661	75.08	ng		0.01
23) Nitrobenzene-d5	7.56	82	1634721	66.23	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	428669	84.32	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	3001900	80.00	ng		-0.01
78) Terphenyl-d14	13.13	244	2124745	85.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	324789	33.54	ng	#	83
3) Pyridine	3.45	79	950303	35.19	ng	#	77
4) n-Nitrosodimethylamine	3.40	42	320683	28.78	ng	#	39
6) Aniline	6.66	93	1267394	35.66	ng		95
8) 2-Chlorophenol	6.78	128	848253	39.24	ng		88
9) Benzaldehyde	6.53	77	537538	41.33	ng		93
10) Phenol	6.65	94	1206327	40.33	ng		87
11) bis(2-Chloroethyl)ether	6.73	93	763525	33.34	ng		99
12) 1,3-Dichlorobenzene	6.93	146	778102m	36.11	ng		
13) 1,4-Dichlorobenzene	7.01	146	873493	39.91	ng		96
14) 1,2-Dichlorobenzene	7.16	146	725842	34.42	ng		95
15) Benzyl Alcohol	7.14	79	733095	37.48	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.26	45	1074054	27.65	ng		80
17) 2-Methylphenol	7.25	107	681240	38.32	ng		99
18) Hexachloroethane	7.50	117	265357	30.75	ng	#	88
19) n-Nitroso-di-n-propylamine	7.41	70	592200	31.39	ng	#	80
20) 3+4-Methylphenols	7.40	107	792278	34.43	ng	#	79
22) Acetophenone	7.40	105	1045256	36.76	ng		98
24) Nitrobenzene	7.58	77	955609	39.00	ng	#	83
25) Isophorone	7.82	82	1668516	36.97	ng	#	95
26) 2-Nitrophenol	7.89	139	343673	32.59	ng	#	80
27) 2,4-Dimethylphenol	7.94	122	818845	39.92	ng		99
28) bis(2-Chloroethoxy)methane	8.03	93	1026005	38.44	ng		98
29) 2,4-Dichlorophenol	8.14	162	676828	43.40	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	703984	43.80	ng		99
31) Naphthalene	8.30	128	2000613	34.54	ng		99
32) Benzoic acid	8.05	122	322993	22.65	ng		100
33) 4-Chloroaniline	8.35	127	870122	36.34	ng		96
34) Hexachlorobutadiene	8.43	225	351939	39.19	ng		97
35) Caprolactam	8.74	113	193293	36.87	ng	#	78
36) 4-Chloro-3-methylphenol	8.84	107	776584	39.77	ng		91
37) 2-Methylnaphthalene	9.00	142	1477802	42.15	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	603730	36.63	ng		99
40) Hexachlorocyclopentadiene	9.15	237	72227	7.99	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	418207	36.77	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	452888	42.11	ng	#	92
45) 1,1'-Biphenyl	9.47	154	1826867	39.43	ng		94
46) 2-Chloronaphthalene	9.49	162	1445681	42.23	ng		96
47) 2-Nitroaniline	9.58	65	517453	38.31	ng		93
48) Acenaphthylene	9.90	152	1950885	34.54	ng		99
49) Dimethylphthalate	9.77	163	1624378	40.57	ng		99
50) 2,6-Dinitrotoluene	9.82	165	315872	35.53	ng		90
51) Acenaphthene	10.07	154	1231290	34.96	ng		98
52) 3-Nitroaniline	9.99	138	382606	36.84	ng		97
53) 2,4-Dinitrophenol	10.10	184	8161	2.06	ng		93
54) Dibenzofuran	10.25	168	1595699	35.01	ng		93
55) 4-Nitrophenol	10.15	139	262707	28.91	ng	#	81
56) 2,4-Dinitrotoluene	10.22	165	395313	33.41	ng	#	40
57) Fluorene	10.60	166	1424671	37.19	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	276809	34.46	ng		95
59) Diethylphthalate	10.46	149	1494769	36.08	ng		94
60) 4-Chlorophenyl-phenylether	10.59	204	749660	43.04	ng	#	85
61) 4-Nitroaniline	10.61	138	413704	39.54	ng		93
62) Azobenzene	10.75	77	1654331	34.57	ng		82
64) 4,6-Dinitro-2-methylphenol	10.63	198	23316	8.78	ng	#	67
65) n-Nitrosodiphenylamine	10.70	169	1223603	39.91	ng		98
66) 4-Bromophenyl-phenylether	11.08	248	440538	49.12	ng	#	85
67) Hexachlorobenzene	11.15	284	485184	48.57	ng	#	91
68) Atrazine	11.23	200	291500	38.56	ng		97
69) Pentachlorophenol	11.33	266	156159	26.26	ng		100
70) Phenanthrene	11.56	178	1823508	38.92	ng		98
71) Anthracene	11.61	178	1731013	36.18	ng		98
72) Carbazole	11.77	167	1709111	38.45	ng		97
73) Di-n-butylphthalate	12.10	149	2309743	42.70	ng	#	97
74) Fluoranthene	12.75	202	1352884	29.44	ng		98
76) Benzidine	12.86	184	639800	43.63	ng		99
77) Pyrene	12.98	202	1294222	34.80	ng		99
79) Butylbenzylphthalate	13.60	149	696699	36.51	ng	#	85
80) Benzo(a)anthracene	14.18	228	1255903	40.13	ng		97
81) 3,3'-Dichlorobenzidine	14.13	252	500551	44.12	ng	#	97
82) Chrysene	14.21	228	1246192	43.27	ng		98
83) Bis(2-ethylhexyl)phthalate	14.16	149	972277	35.85	ng	#	98
84) Di-n-octyl phthalate	14.77	149	1588592	39.50	ng	#	89
85) Indeno(1,2,3-cd)pyrene	17.20	276	903214	43.99	ng		97
87) Benzo(b)fluoranthene	15.24	252	1154427	35.80	ng	#	96
88) Benzo(k)fluoranthene	15.28	252	1210629m	39.96	ng		
89) Benzo(a)pyrene	15.62	252	1053691	37.91	ng	#	97
90) Dibenzo(a,h)anthracene	17.22	278	781412	33.04	ng		98
91) Benzo(g,h,i)perylene	17.65	276	665660	29.33	ng		98

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

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