Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091578.D
Acq On : 14 Dec 2016 11:27
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/15/2016 5:38:58 PM

Quant Time: Dec 15 00:20:49 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	258556	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	1028898	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	503066	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	748297	20.00	ng		-0.01
75) Chrysene-d12	13.96	240	498999	20.00	ng		0.00
86) Perylene-d12	15.37	264	513085	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1309898	85.35	ng		-0.02
7) Phenol-d6	6.44	99	1557644	81.41	ng		-0.01
23) Nitrobenzene-d5	7.37	82	1417856	76.91	ng		-0.01
41) 2,4,6-Tribromophenol	10.64	330	336074	80.43	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2437265	83.71	ng		-0.01
78) Terphenyl-d14	12.91	244	1682170	76.50	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	340076	41.99	ng	#	85
3) Pyridine	3.05	79	892801	41.37	ng	#	80
4) n-Nitrosodimethylamine	3.00	42	381400	41.14	ng	#	62
6) Aniline	6.46	93	1077252	42.95	ng	#	67
8) 2-Chlorophenol	6.59	128	752200	43.42	ng		96
9) Benzaldehyde	6.34	77	494745	37.58	ng		92
10) Phenol	6.45	94	873538	39.05	ng		91
11) bis(2-Chloroethyl)ether	6.54	93	764544	45.50	ng	#	80
12) 1,3-Dichlorobenzene	6.74	146	753898m	40.13	ng		
13) 1,4-Dichlorobenzene	6.82	146	788357	42.55	ng		98
14) 1,2-Dichlorobenzene	6.98	146	710739m	42.57	ng		
15) Benzyl Alcohol	6.94	79	586756	38.84	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1145438	43.98	ng		79
17) 2-Methylphenol	7.07	107	624986	43.60	ng	#	76
18) Hexachloroethane	7.32	117	302617	41.85	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	477295	39.89	ng	#	85
20) 3+4-Methylphenols	7.22	107	648809	41.69	ng	#	58
22) Acetophenone	7.22	105	1036090	42.03	ng	#	95
24) Nitrobenzene	7.39	77	884639	45.42	ng	#	83
25) Isophorone	7.63	82	1335904	40.76	ng		100
26) 2-Nitrophenol	7.71	139	375659	43.70	ng	#	65
27) 2,4-Dimethylphenol	7.74	122	609738	40.38	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	854767	44.47	ng		98
29) 2,4-Dichlorophenol	7.95	162	569245	43.33	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	604385	40.48	ng		99
31) Naphthalene	8.11	128	1954498	40.83	ng		100
32) Benzoic acid	7.87	122	458463	42.89	ng		94
33) 4-Chloroaniline	8.17	127	828403	40.17	ng	#	90
34) Hexachlorobutadiene	8.24	225	363186	42.43	ng		99
35) Caprolactam	8.53	113	161894	42.20	ng	#	59
36) 4-Chloro-3-methylphenol	8.65	107	600762	40.78	ng		99
37) 2-Methylnaphthalene	8.81	142	1252862	40.44	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	515738	37.38	ng		99
40) Hexachlorocyclopentadiene	8.96	237	236867	38.51	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	367598	41.46	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	376369	41.31	ng		95
45) 1,1'-Biphenyl	9.26	154	1417467	38.90	ng		99
46) 2-Chloronaphthalene	9.29	162	1080882	38.31	ng		98
47) 2-Nitroaniline	9.39	65	411452	43.36	ng		88
48) Acenaphthylene	9.70	152	1759431	40.91	ng		98
49) Dimethylphthalate	9.57	163	1301277	40.85	ng		99
50) 2,6-Dinitrotoluene	9.63	165	295665	42.29	ng	#	84
51) Acenaphthene	9.88	154	1214457	40.65	ng		97
52) 3-Nitroaniline	9.80	138	354306	43.14	ng		81
53) 2,4-Dinitrophenol	9.90	184	123120	39.31	ng	#	73
54) Dibenzofuran	10.05	168	1518095	41.07	ng		91
55) 4-Nitrophenol	9.96	139	239836	39.25	ng		88
56) 2,4-Dinitrotoluene	10.03	165	367647	41.95	ng	#	77
57) Fluorene	10.38	166	1103528	41.38	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.17	232	300494	42.13	ng		94
59) Diethylphthalate	10.27	149	1227005	40.00	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	515262	38.77	ng	#	85
61) 4-Nitroaniline	10.41	138	313752	38.44	ng		93
62) Azobenzene	10.54	77	1447687	41.65	ng		91
64) 4,6-Dinitro-2-methylphenol	10.44	198	179995	40.12	ng	#	33
65) n-Nitrosodiphenylamine	10.50	169	932185	41.79	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	344783	44.94	ng	#	85
67) Hexachlorobenzene	10.93	284	326266	40.90	ng	#	70
68) Atrazine	11.04	200	294139	41.01	ng		92
69) Pentachlorophenol	11.13	266	193153	43.02	ng		97
70) Phenanthrene	11.34	178	1555388	41.97	ng		100
71) Anthracene	11.40	178	1725226	43.16	ng		99
72) Carbazole	11.55	167	1430088	40.82	ng		99
73) Di-n-butylphthalate	11.89	149	1683764	41.25	ng		99
74) Fluoranthene	12.53	202	1532548	39.50	ng		97
76) Benzidine	12.66	184	420990	27.29	ng		99
77) Pyrene	12.76	202	1606792	40.59	ng		99
79) Butylbenzylphthalate	13.39	149	692319	44.86	ng		97
80) Benzo(a)anthracene	13.95	228	1201753	41.47	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	470715	45.23	ng		98
82) Chrysene	13.99	228	1175940	38.79	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	817819	41.31	ng		98
84) Di-n-octyl phthalate	14.57	149	1468276	43.69	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.75	276	1398420	51.25	ng		98
87) Benzo(b)fluoranthene	14.97	252	1456040m	47.60	ng		
88) Benzo(k)fluoranthene	15.00	252	906310m	33.70	ng		
89) Benzo(a)pyrene	15.31	252	1186130	43.05	ng		98
90) Dibenzo(a,h)anthracene	16.76	278	1173494	47.54	ng		99
91) Benzo(g,h,i)perylene	17.16	276	1244700	49.55	ng		97

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

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