Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100416\
Data File : BF090349.D
Acq On : 4 Oct 2016 18:39
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
10/5/2016 7:27:36 PM

Quant Time: Oct 05 03:24:35 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 04 14:16:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	218822	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	840368	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	362617	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	522760	20.00	ng		0.00
75) Chrysene-d12	14.19	240	388337	20.00	ng		0.00
86) Perylene-d12	15.70	264	355246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1093857	78.84	ng		0.00
7) Phenol-d6	6.62	99	1371589	79.09	ng		0.00
23) Nitrobenzene-d5	7.57	82	1321062	91.63	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	205416	65.22	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2044552	91.93	ng		0.00
78) Terphenyl-d14	13.14	244	1506356	90.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	278592	41.14	ng	#	93
3) Pyridine	3.48	79	768351	42.80	ng	#	84
4) n-Nitrosodimethylamine	3.42	42	303122	46.62	ng	#	61
6) Aniline	6.67	93	974632	40.90	ng		99
8) 2-Chlorophenol	6.79	128	633045	40.61	ng		91
9) Benzaldehyde	6.55	77	312963	38.88	ng		99
10) Phenol	6.63	94	762039	36.13	ng		99
11) bis(2-Chloroethyl)ether	6.74	93	575535	38.43	ng		88
12) 1,3-Dichlorobenzene	6.95	146	652171	40.28	ng		99
13) 1,4-Dichlorobenzene	7.02	146	613422	37.31	ng		96
14) 1,2-Dichlorobenzene	7.18	146	646112	41.34	ng		99
15) Benzyl Alcohol	7.15	79	472994	38.69	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.29	45	1006555	43.97	ng		96
17) 2-Methylphenol	7.25	107	476215	39.44	ng		99
18) Hexachloroethane	7.53	117	240883	40.49	ng	#	89
19) n-Nitroso-di-n-propylamine	7.42	70	500151	45.16	ng	#	82
20) 3+4-Methylphenols	7.41	107	656484	42.76	ng	#	70
22) Acetophenone	7.41	105	781158	40.15	ng	#	94
24) Nitrobenzene	7.59	77	697205	45.29	ng	#	87
25) Isophorone	7.83	82	1180815	43.05	ng		95
26) 2-Nitrophenol	7.90	139	253709	42.71	ng	#	63
27) 2,4-Dimethylphenol	7.94	122	529058	39.48	ng		97
28) bis(2-Chloroethoxy)methane	8.04	93	728514	42.78	ng	#	97
29) 2,4-Dichlorophenol	8.14	162	409198	37.30	ng		87
30) 1,2,4-Trichlorobenzene	8.23	180	452747	36.85	ng		99
31) Naphthalene	8.33	128	1573354	39.17	ng		96
32) Benzoic acid	8.03	122	319922	38.33	ng		95
33) 4-Chloroaniline	8.36	127	648377	40.41	ng		99
34) Hexachlorobutadiene	8.44	225	260128	35.97	ng		99
35) Caprolactam	8.71	113	111428	38.84	ng		99
36) 4-Chloro-3-methylphenol	8.84	107	461709	39.19	ng	#	83
37) 2-Methylnaphthalene	9.01	142	1002771	39.78	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	423697	41.39	ng		98
40) Hexachlorocyclopentadiene	9.17	237	275441	43.08	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100416.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	290515m	45.12	ng		
43) 2,4,5-Trichlorophenol	9.32	196	288490m	44.53	ng		
45) 1,1'-Biphenyl	9.48	154	1242810	44.27	ng		95
46) 2-Chloronaphthalene	9.50	162	943619	44.78	ng		96
47) 2-Nitroaniline	9.58	65	271582	47.22	ng	#	79
48) Acenaphthylene	9.91	152	1332112	41.79	ng		98
49) Dimethylphthalate	9.78	163	880642	41.03	ng		96
50) 2,6-Dinitrotoluene	9.83	165	209495	44.61	ng	#	70
51) Acenaphthene	10.09	154	789261	40.68	ng		97
52) 3-Nitroaniline	9.99	138	207319	38.98	ng		85
53) 2,4-Dinitrophenol	10.10	184	67736	42.88	ng	#	1
54) Dibenzofuran	10.26	168	1019387	39.74	ng		91
55) 4-Nitrophenol	10.14	139	192615	45.48	ng		95
56) 2,4-Dinitrotoluene	10.23	165	260741	46.13	ng	#	71
57) Fluorene	10.60	166	856842	39.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	169796	37.16	ng	#	80
59) Diethylphthalate	10.47	149	903908	41.20	ng	#	92
60) 4-Chlorophenyl-phenylether	10.60	204	435690	42.82	ng		94
61) 4-Nitroaniline	10.61	138	224733	46.97	ng		89
62) Azobenzene	10.76	77	1101208	48.16	ng		90
64) 4,6-Dinitro-2-methylphenol	10.63	198	92120	41.19	ng		86
65) n-Nitrosodiphenylamine	10.71	169	799616	44.86	ng		99
66) 4-Bromophenyl-phenylether	11.09	248	230177	40.75	ng		93
67) Hexachlorobenzene	11.16	284	249783	37.62	ng	#	86
68) Atrazine	11.24	200	147660	34.60	ng		94
69) Pentachlorophenol	11.34	266	141870	38.12	ng		98
70) Phenanthrene	11.57	178	1164564	41.52	ng		96
71) Anthracene	11.62	178	1091697	39.00	ng		98
72) Carbazole	11.77	167	1023082	39.75	ng		97
73) Di-n-butylphthalate	12.11	149	1339070	43.54	ng		97
74) Fluoranthene	12.76	202	1054457	39.64	ng		98
76) Benzidine	12.87	184	259680	24.32	ng		97
77) Pyrene	12.99	202	1056084	42.47	ng		98
79) Butylbenzylphthalate	13.61	149	482228	49.21	ng	#	66
80) Benzo(a)anthracene	14.18	228	920333	42.26	ng		97
81) 3,3'-Dichlorobenzidine	14.14	252	358072	47.73	ng	#	97
82) Chrysene	14.22	228	876221	42.94	ng		97
83) Bis(2-ethylhexyl)phthalate	14.18	149	777013	49.57	ng	#	99
84) Di-n-octyl phthalate	14.80	149	1214494	53.32	ng		94
85) Indeno(1,2,3-cd)pyrene	17.22	276	949101	43.28	ng		95
87) Benzo(b)fluoranthene	15.25	252	804646	39.39	ng	#	96
88) Benzo(k)fluoranthene	15.29	252	855717m	43.85	ng		
89) Benzo(a)pyrene	15.63	252	783359	42.04	ng	#	96
90) Dibenzo(a,h)anthracene	17.24	278	794240	43.47	ng		97
91) Benzo(g,h,i)perylene	17.68	276	781265	43.65	ng		98

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

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