Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011617\
Data File : BF092316.D
Acq On : 17 Jan 2017 7:56
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/17/2017 4:58:30 PM

Quant Time: Jan 17 11:34:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 11:09:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	196360	20.00	ng		0.00
21) Naphthalene-d8	7.86	136	802255	20.00	ng		0.00
38) Acenaphthene-d10	9.59	164	407270	20.00	ng		0.00
63) Phenanthrene-d10	11.08	188	735990	20.00	ng		0.01
75) Chrysene-d12	13.70	240	397122	20.00	ng		0.00
86) Perylene-d12	15.06	264	517843	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	955035	81.21	ng		0.00
7) Phenol-d6	6.23	99	1065991	74.24	ng		0.00
23) Nitrobenzene-d5	7.15	82	1076171	74.59	ng		0.01
41) 2,4,6-Tribromophenol	10.39	330	249921	74.15	ng		0.00
44) 2-Fluorobiphenyl	8.93	172	1535044	75.84	ng		0.00
78) Terphenyl-d14	12.66	244	1368879	83.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.95	88	242937	41.96	ng		99
3) Pyridine	2.58	79	603912	29.89	ng		95
4) n-Nitrosodimethylamine	2.53	42	264490	34.70	ng		99
6) Aniline	6.22	93	641490	34.40	ng	#	48
8) 2-Chlorophenol	6.36	128	513877	38.42	ng		88
9) Benzaldehyde	6.11	77	328239	40.09	ng		98
10) Phenol	6.24	94	668959	40.89	ng	#	74
11) bis(2-Chloroethyl)ether	6.31	93	529305	40.66	ng		96
12) 1,3-Dichlorobenzene	6.50	146	536513	37.57	ng	#	89
13) 1,4-Dichlorobenzene	6.58	146	536340	36.90	ng		98
14) 1,2-Dichlorobenzene	6.74	146	506458	40.16	ng		98
15) Benzyl Alcohol	6.72	79	403068	36.13	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.86	45	773339	39.89	ng		56
17) 2-Methylphenol	6.85	107	396220	36.83	ng	#	85
18) Hexachloroethane	7.07	117	202267	37.54	ng	#	84
19) n-Nitroso-di-n-propylamine	7.00	70	370675	38.81	ng		97
20) 3+4-Methylphenols	7.01	107	563822	43.94	ng	#	70
22) Acetophenone	6.99	105	733872	37.09	ng	#	94
24) Nitrobenzene	7.16	77	548990	35.73	ng		98
25) Isophorone	7.40	82	969802	36.43	ng	#	93
26) 2-Nitrophenol	7.48	139	293915	38.79	ng		89
27) 2,4-Dimethylphenol	7.54	122	441653	35.14	ng		99
28) bis(2-Chloroethoxy)methane	7.62	93	558823	34.62	ng		97
29) 2,4-Dichlorophenol	7.73	162	427222	40.14	ng		91
30) 1,2,4-Trichlorobenzene	7.80	180	429955	36.87	ng		96
31) Naphthalene	7.88	128	1472051	40.09	ng		99
32) Benzoic acid	7.70	122	240761	25.83	ng		98
33) 4-Chloroaniline	7.94	127	567693	34.29	ng		99
34) Hexachlorobutadiene	7.99	225	228106	37.05	ng		99
35) Caprolactam	8.32	113	132716	37.95	ng	#	85
36) 4-Chloro-3-methylphenol	8.44	107	456522	37.28	ng		99
37) 2-Methylnaphthalene	8.56	142	899409	38.36	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	416587	40.49	ng		99
40) Hexachlorocyclopentadiene	8.71	237	114029	27.62	ng		95

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	251859	35.00	ng		99
43) 2,4,5-Trichlorophenol	8.91	196	254482	34.36	ng	#	89
45) 1,1'-Biphenyl	9.03	154	1196619	42.91	ng		99
46) 2-Chloronaphthalene	9.06	162	861525	39.01	ng		96
47) 2-Nitroaniline	9.16	65	284716	36.21	ng		98
48) Acenaphthylene	9.46	152	1243206	36.60	ng		98
49) Dimethylphthalate	9.34	163	964865	37.04	ng		99
50) 2,6-Dinitrotoluene	9.41	165	214787	37.67	ng	#	72
51) Acenaphthene	9.63	154	813759	35.34	ng		99
52) 3-Nitroaniline	9.57	138	238483	33.80	ng		99
53) 2,4-Dinitrophenol	9.70	184	84748	26.71	ng	#	87
54) Dibenzofuran	9.80	168	1060965	34.12	ng		98
55) 4-Nitrophenol	9.76	139	116037m	24.22	ng		
56) 2,4-Dinitrotoluene	9.81	165	278551	38.93	ng		97
57) Fluorene	10.14	166	800171	35.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.94	232	209704	35.80	ng		94
59) Diethylphthalate	10.04	149	1038054	41.03	ng		97
60) 4-Chlorophenyl-phenylether	10.14	204	387145	39.08	ng		93
61) 4-Nitroaniline	10.19	138	276549	37.82	ng		88
62) Azobenzene	10.30	77	1134129	40.72	ng		94
64) 4,6-Dinitro-2-methylphenol	10.22	198	142635	32.05	ng		88
65) n-Nitrosodiphenylamine	10.27	169	822319	37.65	ng		99
66) 4-Bromophenyl-phenylether	10.63	248	265174	34.64	ng	#	73
67) Hexachlorobenzene	10.69	284	275733	33.69	ng	#	90
68) Atrazine	10.79	200	233574	33.16	ng		97
69) Pentachlorophenol	10.90	266	123079	30.65	ng		98
70) Phenanthrene	11.10	178	1506646	37.75	ng		98
71) Anthracene	11.15	178	1376436	36.50	ng		98
72) Carbazole	11.31	167	1308876	36.85	ng		98
73) Di-n-butylphthalate	11.65	149	1625481	42.78	ng		99
74) Fluoranthene	12.28	202	1257239	35.06	ng		98
76) Benzidine	12.42	184	103103	6.84	ng		96
77) Pyrene	12.51	202	1282195	44.01	ng		99
79) Butylbenzylphthalate	13.14	149	571342	43.11	ng		95
80) Benzo(a)anthracene	13.69	228	943480	42.09	ng		99
81) 3,3'-Dichlorobenzidine	13.66	252	352931	41.52	ng	#	96
82) Chrysene	13.73	228	1002412	44.58	ng		98
83) Bis(2-ethylhexyl)phthalate	13.71	149	728729	46.69	ng	#	93
84) Di-n-octyl phthalate	14.31	149	1224954	42.37	ng		99
85) Indeno(1,2,3-cd)pyrene	16.29	276	1243846	63.85	ng		98
87) Benzo(b)fluoranthene	14.69	252	1006236m	31.21	ng		
88) Benzo(k)fluoranthene	14.71	252	973948m	35.43	ng		
89) Benzo(a)pyrene	15.00	252	1021104	35.68	ng		98
90) Dibenzo(a,h)anthracene	16.29	278	1051957	44.73	ng		97
91) Benzo(g,h,i)perylene	16.65	276	1118452	45.73	ng	#	93

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

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