Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090438.D
Acq On : 7 Oct 2016 11:44
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
10/10/2016 6:51:17 PM

Quant Time: Oct 07 13:55:03 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	246809	20.00	ng		-0.01
21) Naphthalene-d8	8.28	136	1062071	20.00	ng		-0.01
38) Acenaphthene-d10	10.04	164	559389	20.00	ng		-0.01
63) Phenanthrene-d10	11.53	188	915230	20.00	ng		-0.02
75) Chrysene-d12	14.18	240	807595	20.00	ng		-0.02
86) Perylene-d12	15.68	264	532692	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1138361	68.84	ng		-0.02
7) Phenol-d6	6.61	99	1574033	72.67	ng		-0.01
23) Nitrobenzene-d5	7.55	82	1558498	71.38	ng		-0.02
41) 2,4,6-Tribromophenol	10.83	330	378366	83.18	ng		-0.02
44) 2-Fluorobiphenyl	9.35	172	2317623	69.03	ng		-0.02
78) Terphenyl-d14	13.13	244	2863506	79.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	297145	36.45	ng	#	87
3) Pyridine	3.43	79	823812	36.24	ng	#	81
4) n-Nitrosodimethylamine	3.38	42	311274	33.19	ng	#	50
6) Aniline	6.65	93	1097983	36.70	ng		98
8) 2-Chlorophenol	6.77	128	712923	39.18	ng		97
9) Benzaldehyde	6.53	77	430105	39.29	ng		96
10) Phenol	6.62	94	901979	35.82	ng		96
11) bis(2-Chloroethyl)ether	6.73	93	706364	36.64	ng		92
12) 1,3-Dichlorobenzene	6.93	146	716807	39.51	ng		99
13) 1,4-Dichlorobenzene	7.00	146	684846	37.17	ng		98
14) 1,2-Dichlorobenzene	7.16	146	700243	39.44	ng		99
15) Benzyl Alcohol	7.13	79	603364	36.64	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.26	45	1018721	31.15	ng		91
17) 2-Methylphenol	7.24	107	590573	39.46	ng		97
18) Hexachloroethane	7.50	117	259818	35.77	ng		93
19) n-Nitroso-di-n-propylamine	7.40	70	529919	33.37	ng	#	83
20) 3+4-Methylphenols	7.39	107	700109	36.14	ng		99
22) Acetophenone	7.40	105	931741	37.04	ng	#	90
24) Nitrobenzene	7.57	77	810339	37.38	ng		99
25) Isophorone	7.81	82	1433797	35.92	ng		98
26) 2-Nitrophenol	7.89	139	416359	44.63	ng		94
27) 2,4-Dimethylphenol	7.93	122	694560	38.28	ng		99
28) bis(2-Chloroethoxy)methane	8.02	93	844409	35.77	ng	#	96
29) 2,4-Dichlorophenol	8.13	162	559956	40.59	ng		93
30) 1,2,4-Trichlorobenzene	8.22	180	565314	39.76	ng		94
31) Naphthalene	8.30	128	2003192	39.09	ng		98
32) Benzoic acid	8.04	122	390355	30.95	ng		98
33) 4-Chloroaniline	8.35	127	850966	40.18	ng	#	86
34) Hexachlorobutadiene	8.42	225	285839	35.99	ng		99
35) Caprolactam	8.73	113	217353m	46.86	ng		
36) 4-Chloro-3-methylphenol	8.83	107	711508	41.19	ng		93
37) 2-Methylnaphthalene	8.99	142	1135756	36.62	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	587393	39.83	ng		98
40) Hexachlorocyclopentadiene	9.15	237	277861	34.37	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	399385	39.24	ng		99
43) 2,4,5-Trichlorophenol	9.31	196	412394	42.85	ng		94
45) 1,1'-Biphenyl	9.46	154	1467450	35.40	ng		96
46) 2-Chloronaphthalene	9.48	162	1137473	37.14	ng		98
47) 2-Nitroaniline	9.57	65	402978	33.35	ng		91
48) Acenaphthylene	9.90	152	1951116	38.61	ng		100
49) Dimethylphthalate	9.77	163	1365489	38.12	ng		97
50) 2,6-Dinitrotoluene	9.82	165	337808	42.47	ng	#	62
51) Acenaphthene	10.07	154	1176192	37.33	ng		97
52) 3-Nitroaniline	9.98	138	372897	40.13	ng		90
53) 2,4-Dinitrophenol	10.09	184	122781	34.62	ng	#	49
54) Dibenzofuran	10.25	168	1607392	39.41	ng		96
55) 4-Nitrophenol	10.14	139	374355	46.05	ng	#	75
56) 2,4-Dinitrotoluene	10.22	165	475924	44.96	ng	#	60
57) Fluorene	10.59	166	1314912	38.36	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.36	232	305758	42.55	ng	#	84
59) Diethylphthalate	10.46	149	1490072	40.20	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	576380	36.99	ng		94
61) 4-Nitroaniline	10.60	138	370234	39.55	ng		94
62) Azobenzene	10.74	77	1492016	34.85	ng		90
64) 4,6-Dinitro-2-methylphenol	10.63	198	217612	36.67	ng	#	47
65) n-Nitrosodiphenylamine	10.70	169	1224822	39.94	ng		98
66) 4-Bromophenyl-phenylether	11.07	248	340227	37.92	ng	#	86
67) Hexachlorobenzene	11.14	284	398894	39.93	ng	#	83
68) Atrazine	11.23	200	322409	42.63	ng		93
69) Pentachlorophenol	11.33	266	256676	43.16	ng		98
70) Phenanthrene	11.55	178	1854333	39.57	ng		98
71) Anthracene	11.61	178	1903766	39.78	ng		99
72) Carbazole	11.76	167	1628470	36.62	ng		99
73) Di-n-butylphthalate	12.09	149	2134480	39.45	ng		99
74) Fluoranthene	12.75	202	2074050	45.12	ng		93
76) Benzidine	12.86	184	700916	33.01	ng		99
77) Pyrene	12.98	202	2087263	38.76	ng		100
79) Butylbenzylphthalate	13.60	149	1070246	38.73	ng		89
80) Benzo(a)anthracene	14.17	228	1845472	40.73	ng		99
81) 3,3'-Dichlorobenzidine	14.13	252	770856	46.92	ng	#	98
82) Chrysene	14.21	228	1775540	42.58	ng		99
83) Bis(2-ethylhexyl)phthalate	14.16	149	1369287	34.86	ng	#	100
84) Di-n-octyl phthalate	14.77	149	2133188	36.64	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.18	276	1042416	35.06	ng		95
87) Benzo(b)fluoranthene	15.24	252	1498349	44.16	ng		99
88) Benzo(k)fluoranthene	15.26	252	1269681m	39.84	ng		
89) Benzo(a)pyrene	15.61	252	1203074	41.14	ng	#	94
90) Dibenzo(a,h)anthracene	17.21	278	871701	35.03	ng	#	97
91) Benzo(g,h,i)perylene	17.64	276	825161	34.56	ng		96

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

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