Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050916\
Data File : BF086851.D
Acq On : 10 May 2016 5:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
sohil
5/10/2016 11:06:41 AM

Quant Time: May 10 06:05:56 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 09 16:04:56 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	187781	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	777294	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	366051	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	643556	20.00	ng		0.00
75) Chrysene-d12	13.84	240	384518	20.00	ng		0.00
86) Perylene-d12	15.21	264	395307	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	921009	83.06	ng		0.00
7) Phenol-d6	6.36	99	1130848	76.31	ng		0.00
23) Nitrobenzene-d5	7.26	82	1190539	76.91	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	301231	77.73	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1536494	70.55	ng		0.00
78) Terphenyl-d14	12.79	244	1336826	73.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	210540	38.68	ng	#	72
3) Pyridine	2.85	79	502624	37.77	ng	#	69
4) n-Nitrosodimethylamine	2.81	42	388665	40.27	ng	#	49
6) Aniline	6.36	93	685117	38.23	ng	#	71
8) 2-Chlorophenol	6.49	128	504790	37.73	ng		97
9) Benzaldehyde	6.24	77	313908	36.58	ng		96
10) Phenol	6.37	94	649200	36.86	ng		80
11) bis(2-Chloroethyl)ether	6.44	93	541381	39.42	ng		94
12) 1,3-Dichlorobenzene	6.62	146	535457	36.98	ng	#	89
13) 1,4-Dichlorobenzene	6.70	146	530722	35.94	ng	#	91
14) 1,2-Dichlorobenzene	6.86	146	514893	40.01	ng		98
15) Benzyl Alcohol	6.85	79	396066	38.71	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	6.98	45	1050842	35.19	ng		57
17) 2-Methylphenol	6.98	107	418571	39.31	ng	#	84
18) Hexachloroethane	7.20	117	200735	36.13	ng		93
19) n-Nitroso-di-n-propylamine	7.13	70	416071	40.17	ng	#	74
20) 3+4-Methylphenols	7.14	107	533602	38.37	ng	#	57
22) Acetophenone	7.12	105	695980	37.91	ng	#	99
24) Nitrobenzene	7.29	77	599467	37.65	ng		97
25) Isophorone	7.53	82	1057342	36.81	ng		99
26) 2-Nitrophenol	7.61	139	286110	40.88	ng		95
27) 2,4-Dimethylphenol	7.65	122	411904	34.55	ng		87
28) bis(2-Chloroethoxy)methane	7.74	93	621029	40.09	ng		99
29) 2,4-Dichlorophenol	7.86	162	398755	37.99	ng		92
30) 1,2,4-Trichlorobenzene	7.93	180	459631	39.17	ng		98
31) Naphthalene	8.01	128	1453310	37.33	ng		99
32) Benzoic acid	7.81	122	253396	36.18	ng	#	79
33) 4-Chloroaniline	8.06	127	575153	38.02	ng	#	93
34) Hexachlorobutadiene	8.12	225	262652	38.58	ng		99
35) Caprolactam	8.45	113	137536	38.52	ng	#	48
36) 4-Chloro-3-methylphenol	8.57	107	469975	36.93	ng		96
37) 2-Methylnaphthalene	8.69	142	895697	39.35	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	398351	37.43	ng		99
40) Hexachlorocyclopentadiene	8.84	237	88972	17.61	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	270324	37.98	ng		95
43) 2,4,5-Trichlorophenol	9.02	196	287477	39.06	ng	#	87
45) 1,1'-Biphenyl	9.16	154	1193316	40.99	ng		97
46) 2-Chloronaphthalene	9.18	162	915776	40.15	ng		99
47) 2-Nitroaniline	9.29	65	315103	37.80	ng	#	76
48) Acenaphthylene	9.60	152	1371894	40.89	ng		99
49) Dimethylphthalate	9.47	163	1054957	37.78	ng		100
50) 2,6-Dinitrotoluene	9.53	165	212040	36.08	ng	#	68
51) Acenaphthene	9.77	154	863044	41.35	ng		99
52) 3-Nitroaniline	9.70	138	232211	37.53	ng	#	78
53) 2,4-Dinitrophenol	9.81	184	55339	24.35	ng		87
54) Dibenzofuran	9.94	168	1093873	40.83	ng		100
55) 4-Nitrophenol	9.88	139	145220	37.75	ng	#	43
56) 2,4-Dinitrotoluene	9.94	165	273824	37.65	ng	#	86
57) Fluorene	10.28	166	899474	39.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	212047	38.27	ng		97
59) Diethylphthalate	10.17	149	1051886	38.65	ng		95
60) 4-Chlorophenyl-phenylether	10.27	204	391288	37.81	ng		98
61) 4-Nitroaniline	10.32	138	228947	38.53	ng	#	70
62) Azobenzene	10.43	77	1141961	38.89	ng		88
64) 4,6-Dinitro-2-methylphenol	10.34	198	105562	26.40	ng	#	45
65) n-Nitrosodiphenylamine	10.40	169	814963	41.22	ng		100
66) 4-Bromophenyl-phenylether	10.76	248	276677	42.40	ng	#	82
67) Hexachlorobenzene	10.82	284	277254	36.36	ng	#	75
68) Atrazine	10.92	200	232039	35.13	ng		95
69) Pentachlorophenol	11.02	266	132716	37.66	ng		97
70) Phenanthrene	11.23	178	1167041	33.98	ng		100
71) Anthracene	11.29	178	1356215	38.61	ng		99
72) Carbazole	11.45	167	1181324	39.12	ng		99
73) Di-n-butylphthalate	11.78	149	1509429	40.94	ng	#	99
74) Fluoranthene	12.41	202	1081271	30.61	ng		99
76) Benzidine	12.55	184	427913	43.65	ng		97
77) Pyrene	12.64	202	1046502	35.55	ng		100
79) Butylbenzylphthalate	13.27	149	528306	42.43	ng	#	77
80) Benzo(a)anthracene	13.83	228	775292	35.92	ng		98
81) 3,3'-Dichlorobenzidine	13.79	252	499439	36.42	ng		100
82) Chrysene	13.86	228	800080	36.44	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	652418	43.56	ng		97
84) Di-n-octyl phthalate	14.43	149	1057661	42.63	ng	#	84
85) Indeno(1,2,3-cd)pyrene	16.50	276	918029	50.25	ng		95
87) Benzo(b)fluoranthene	14.83	252	949714m	36.97	ng		
88) Benzo(k)fluoranthene	14.85	252	707801m	33.65	ng		
89) Benzo(a)pyrene	15.15	252	807692	36.45	ng		98
90) Dibenzo(a,h)anthracene	16.51	278	769154	41.18	ng		97
91) Benzo(g,h,i)perylene	16.89	276	750016	39.52	ng		94

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

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