Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020516\
Data File : BF084877.D
Acq On : 5 Feb 2016 23:19
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
2/8/2016 3:03:07 PM

Quant Time: Feb 06 00:00:10 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	166384	20.00	ng		-0.02
21) Naphthalene-d8	7.95	136	697823	20.00	ng		-0.02
38) Acenaphthene-d10	9.70	164	319995	20.00	ng		-0.03
63) Phenanthrene-d10	11.17	188	561011	20.00	ng		-0.03
75) Chrysene-d12	13.80	240	340662	20.00	ng		-0.03
86) Perylene-d12	15.17	264	327139	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	798200	74.72	ng		-0.03
7) Phenol-d6	6.32	99	976202	73.72	ng		-0.02
23) Nitrobenzene-d5	7.24	82	989798	79.90	ng		-0.02
41) 2,4,6-Tribromophenol	10.49	330	240274	71.99	ng		-0.03
44) 2-Fluorobiphenyl	9.04	172	1716756	93.48	ng		-0.02
78) Terphenyl-d14	12.76	244	1279341	85.10	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.12	88	167649m	35.83	ng		
3) Pyridine	2.78	79	445426	36.54	ng	#	75
4) n-Nitrosodimethylamine	2.74	42	246999	39.17	ng		87
6) Aniline	6.33	93	656467	40.51	ng	#	79
8) 2-Chlorophenol	6.45	128	467751	38.68	ng		90
9) Benzaldehyde	6.20	77	293003	37.47	ng		96
10) Phenol	6.33	94	512134	34.52	ng	#	57
11) bis(2-Chloroethyl)ether	6.41	93	457871	39.58	ng		86
12) 1,3-Dichlorobenzene	6.60	146	512095	40.09	ng		97
13) 1,4-Dichlorobenzene	6.68	146	527947	41.34	ng		94
14) 1,2-Dichlorobenzene	6.83	146	438235	36.84	ng		95
15) Benzyl Alcohol	6.82	79	364789	39.89	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.96	45	756115	38.85	ng		88
17) 2-Methylphenol	6.94	107	385329	40.30	ng	#	91
18) Hexachloroethane	7.17	117	196390	39.93	ng		97
19) n-Nitroso-di-n-propylamine	7.09	70	310679	37.43	ng	#	77
20) 3+4-Methylphenols	7.09	107	463876	39.08	ng	#	73
22) Acetophenone	7.08	105	654817	35.60	ng	#	99
24) Nitrobenzene	7.25	77	445398	33.58	ng		95
25) Isophorone	7.50	82	892679	37.06	ng		95
26) 2-Nitrophenol	7.57	139	270220	41.30	ng	#	91
27) 2,4-Dimethylphenol	7.62	122	392297	34.47	ng		97
28) bis(2-Chloroethoxy)methane	7.71	93	508950	35.62	ng		99
29) 2,4-Dichlorophenol	7.82	162	365474	37.53	ng		90
30) 1,2,4-Trichlorobenzene	7.89	180	392921	35.73	ng		97
31) Naphthalene	7.97	128	1298474	37.10	ng		99
32) Benzoic acid	7.77	122	284260	39.05	ng		96
33) 4-Chloroaniline	8.03	127	531378	36.71	ng		98
34) Hexachlorobutadiene	8.10	225	241853	38.14	ng		100
35) Caprolactam	8.42	113	121933	40.63	ng	#	64
36) 4-Chloro-3-methylphenol	8.52	107	379831	34.19	ng		95
37) 2-Methylnaphthalene	8.66	142	778219	35.52	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	400141	39.37	ng		99
40) Hexachlorocyclopentadiene	8.82	237	158973	43.77	ng		96

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.94	196	243723	37.23	ng		97
43) 2,4,5-Trichlorophenol	8.99	196	256928	38.62	ng	#	90
45) 1,1'-Biphenyl	9.13	154	1021646	35.74	ng		99
46) 2-Chloronaphthalene	9.15	162	795943	37.81	ng		95
47) 2-Nitroaniline	9.25	65	257693	38.67	ng		94
48) Acenaphthylene	9.56	152	1207827	37.81	ng		98
49) Dimethylphthalate	9.44	163	886228	36.36	ng	#	89
50) 2,6-Dinitrotoluene	9.50	165	205140	38.53	ng	#	87
51) Acenaphthene	9.73	154	747502	35.97	ng		96
52) 3-Nitroaniline	9.66	138	196896	32.91	ng		95
53) 2,4-Dinitrophenol	9.78	184	72731	33.25	ng	#	80
54) Dibenzofuran	9.90	168	950775	37.44	ng		94
55) 4-Nitrophenol	9.85	139	153594	34.93	ng		92
56) 2,4-Dinitrotoluene	9.90	165	279579	41.17	ng		90
57) Fluorene	10.25	166	814387	38.40	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	205516	40.58	ng		90
59) Diethylphthalate	10.13	149	863480	36.28	ng		100
60) 4-Chlorophenyl-phenylether	10.25	204	407754	45.91	ng		89
61) 4-Nitroaniline	10.28	138	246778	42.33	ng		84
62) Azobenzene	10.40	77	852952	37.27	ng		84
64) 4,6-Dinitro-2-methylphenol	10.30	198	128950	37.24	ng	#	61
65) n-Nitrosodiphenylamine	10.36	169	665796	37.38	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	241645	39.00	ng	#	77
67) Hexachlorobenzene	10.80	284	287110	42.52	ng	#	89
68) Atrazine	10.90	200	238552	42.40	ng		97
69) Pentachlorophenol	10.99	266	131901	41.57	ng		98
70) Phenanthrene	11.21	178	1231826	39.59	ng		100
71) Anthracene	11.25	178	1207551	38.51	ng		99
72) Carbazole	11.41	167	1020414	37.32	ng		99
73) Di-n-butylphthalate	11.76	149	1444078	41.49	ng	#	97
74) Fluoranthene	12.38	202	1231486	39.10	ng		96
76) Benzidine	12.51	184	499908	41.98	ng		98
77) Pyrene	12.61	202	1286462	49.32	ng		100
79) Butylbenzylphthalate	13.24	149	513116	43.37	ng		97
80) Benzo(a)anthracene	13.79	228	887776	41.99	ng		100
81) 3,3'-Dichlorobenzidine	13.77	252	329215	43.98	ng	#	96
82) Chrysene	13.84	228	905294	44.15	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	633577	43.03	ng		100
84) Di-n-octyl phthalate	14.42	149	993639	40.90	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.45	276	854603	52.95	ng		99
87) Benzo(b)fluoranthene	14.80	252	708140m	32.22	ng		
88) Benzo(k)fluoranthene	14.83	252	766690m	42.19	ng		
89) Benzo(a)pyrene	15.12	252	699311	37.34	ng	#	95
90) Dibenzo(a,h)anthracene	16.47	278	713528	45.26	ng	#	95
91) Benzo(g,h,i)perylene	16.83	276	732238	46.11	ng		100

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

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