Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083802.D
Acq On : 15 Dec 2015 7:18
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
MMdadoda
12/15/2015 6:13:55 PM

Quant Time: Dec 15 07:51:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	111860	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	447073	20.00	ng		-0.02
38) Acenaphthene-d10	9.94	164	211837	20.00	ng		-0.02
63) Phenanthrene-d10	11.42	188	418471	20.00	ng		-0.02
75) Chrysene-d12	14.05	240	326131	20.00	ng		-0.02
86) Perylene-d12	15.48	264	256582	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	569837	82.18	ng		-0.02
7) Phenol-d6	6.53	99	677929	77.21	ng		-0.01
23) Nitrobenzene-d5	7.46	82	653882	81.83	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	189386	87.74	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	1082524	71.38	ng		-0.02
78) Terphenyl-d14	13.00	244	1037466	68.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	125951	37.56	ng	#	79
3) Pyridine	3.24	79	349416	41.42	ng	#	83
4) n-Nitrosodimethylamine	3.18	42	121101	37.94	ng	#	60
6) Aniline	6.56	93	473857	39.73	ng	#	87
8) 2-Chlorophenol	6.68	128	313164	38.43	ng		91
9) Benzaldehyde	6.44	77	177739	37.69	ng		90
10) Phenol	6.54	94	387075	38.30	ng		82
11) bis(2-Chloroethyl)ether	6.64	93	301357	41.17	ng		89
12) 1,3-Dichlorobenzene	6.84	146	346072	40.02	ng		99
13) 1,4-Dichlorobenzene	6.92	146	364118	41.67	ng		95
14) 1,2-Dichlorobenzene	7.07	146	301909	38.45	ng		96
15) Benzyl Alcohol	7.04	79	252577	39.15	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.18	45	350825	36.91	ng		71
17) 2-Methylphenol	7.15	107	268666	41.01	ng	#	86
18) Hexachloroethane	7.41	117	124532	40.13	ng	#	76
19) n-Nitroso-di-n-propylamine	7.32	70	224889	41.83	ng	#	83
20) 3+4-Methylphenols	7.31	107	288663	37.33	ng	#	60
22) Acetophenone	7.31	105	396596	36.16	ng	#	96
24) Nitrobenzene	7.48	77	308005	37.03	ng	#	89
25) Isophorone	7.72	82	594324	37.91	ng		97
26) 2-Nitrophenol	7.80	139	186086	46.58	ng	#	79
27) 2,4-Dimethylphenol	7.84	122	287259m	36.59	ng		
28) bis(2-Chloroethoxy)methane	7.94	93	378360	42.29	ng	#	97
29) 2,4-Dichlorophenol	8.04	162	262450	40.72	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	276314	41.34	ng		97
31) Naphthalene	8.21	128	952210	40.86	ng		99
32) Benzoic acid	7.96	122	224951m	45.98	ng		
33) 4-Chloroaniline	8.26	127	404391	42.48	ng	#	82
34) Hexachlorobutadiene	8.34	225	150141	40.94	ng		97
35) Caprolactam	8.62	113	84299	40.73	ng	#	66
36) 4-Chloro-3-methylphenol	8.74	107	325562	43.18	ng		89
37) 2-Methylnaphthalene	8.90	142	573109	39.17	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	275103	44.02	ng	#	100
40) Hexachlorocyclopentadiene	9.06	237	136971	43.25	ng		100

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Quant Time: Dec 15 07:51:52 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	180263	39.41	ng		99
43) 2,4,5-Trichlorophenol	9.22	196	195003	44.94	ng	#	93
45) 1,1'-Biphenyl	9.37	154	795375	42.36	ng		95
46) 2-Chloronaphthalene	9.39	162	598472	43.19	ng		95
47) 2-Nitroaniline	9.48	65	182687	46.48	ng	#	51
48) Acenaphthylene	9.80	152	889090	38.13	ng		98
49) Dimethylphthalate	9.66	163	651475	39.45	ng		100
50) 2,6-Dinitrotoluene	9.72	165	151622	43.26	ng	#	85
51) Acenaphthene	9.97	154	539242	38.26	ng		100
52) 3-Nitroaniline	9.89	138	193388	47.85	ng	#	64
53) 2,4-Dinitrophenol	10.00	184	70136	47.25	ng	#	65
54) Dibenzofuran	10.14	168	719229	38.51	ng		91
55) 4-Nitrophenol	10.04	139	124614	41.65	ng		88
56) 2,4-Dinitrotoluene	10.12	165	197148	43.06	ng	#	79
57) Fluorene	10.49	166	574931	39.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	138087	42.43	ng	#	100
59) Diethylphthalate	10.36	149	662527	39.62	ng		99
60) 4-Chlorophenyl-phenylether	10.48	204	269903	40.25	ng	#	81
61) 4-Nitroaniline	10.50	138	152940	42.94	ng		92
62) Azobenzene	10.64	77	595714	39.09	ng		96
64) 4,6-Dinitro-2-methylphenol	10.53	198	117159	49.21	ng	#	62
65) n-Nitrosodiphenylamine	10.60	169	577093	40.32	ng		98
66) 4-Bromophenyl-phenylether	10.97	248	174545	37.30	ng	#	85
67) Hexachlorobenzene	11.04	284	189734	37.47	ng		97
68) Atrazine	11.13	200	186115	45.70	ng		99
69) Pentachlorophenol	11.23	266	124116	43.46	ng		97
70) Phenanthrene	11.45	178	910065	40.94	ng		99
71) Anthracene	11.49	178	877324	38.00	ng		99
72) Carbazole	11.65	167	896978	41.70	ng		99
73) Di-n-butylphthalate	11.98	149	976262	37.37	ng		99
74) Fluoranthene	12.62	202	939075	40.88	ng		95
76) Benzidine	12.75	184	509036	51.22	ng		97
77) Pyrene	12.85	202	946030	36.70	ng		99
79) Butylbenzylphthalate	13.48	149	454833	41.11	ng	#	85
80) Benzo(a)anthracene	14.04	228	729390	39.33	ng		99
81) 3,3'-Dichlorobenzidine	14.01	252	292481	43.72	ng	#	96
82) Chrysene	14.08	228	671869	37.14	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	490462	38.95	ng		99
84) Di-n-octyl phthalate	14.65	149	816614	40.81	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.91	276	679656	38.26	ng	#	100
87) Benzo(b)fluoranthene	15.07	252	778684	47.57	ng	#	97
88) Benzo(k)fluoranthene	15.11	252	501060m	33.78	ng		
89) Benzo(a)pyrene	15.43	252	597479	40.90	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	552696	38.05	ng		98
91) Benzo(g,h,i)perylene	17.35	276	574734	38.50	ng		99

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

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