Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
Data File : BF082995.D
Acq On : 18 Nov 2015 5:21
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
11/19/2015 8:25:47 AM

Quant Time: Nov 18 07:05:53 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	235571m	20.00	ng		-0.10
21) Naphthalene-d8	8.04	136	881044	20.00	ng		-0.10
38) Acenaphthene-d10	9.80	164	472733	20.00	ng		-0.09
63) Phenanthrene-d10	11.28	188	869194	20.00	ng		-0.10
75) Chrysene-d12	13.92	240	822505	20.00	ng		-0.10
86) Perylene-d12	15.30	264	769855	20.00	ng		-0.16
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	1304448	86.16	ng		-0.09
7) Phenol-d6	6.42	99	1615539	80.26	ng		-0.07
23) Nitrobenzene-d5	7.33	82	1573365	77.70	ng		-0.08
41) 2,4,6-Tribromophenol	10.59	330	372471	68.72	ng		-0.09
44) 2-Fluorobiphenyl	9.13	172	2272212	68.89	ng		-0.09
78) Terphenyl-d14	12.87	244	2544812	73.38	ng		-0.10
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	352525	53.96	ng		97
3) Pyridine	2.93	79	916118	48.33	ng		98
4) n-Nitrosodimethylamine	2.90	42	375863	39.98	ng	#	72
6) Aniline	6.42	93	1024238m	36.24	ng		
8) 2-Chlorophenol	6.54	128	664910	39.62	ng		85
9) Benzaldehyde	6.29	77	426871m	38.39	ng		
10) Phenol	6.43	94	957931	41.94	ng		85
11) bis(2-Chloroethyl)ether	6.50	93	688352	40.30	ng		91
12) 1,3-Dichlorobenzene	6.69	146	674361	35.63	ng		93
13) 1,4-Dichlorobenzene	6.77	146	721926m	36.66	ng		
14) 1,2-Dichlorobenzene	6.93	146	696065	38.86	ng		97
15) Benzyl Alcohol	6.91	79	629443	35.61	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	1031153	41.16	ng		93
17) 2-Methylphenol	7.04	107	596173	41.94	ng		98
18) Hexachloroethane	7.28	117	267265	37.94	ng	#	78
19) n-Nitroso-di-n-propylamine	7.18	70	507861	34.32	ng		89
20) 3+4-Methylphenols	7.18	107	661786	35.81	ng	#	74
22) Acetophenone	7.17	105	913957	36.20	ng	#	97
24) Nitrobenzene	7.34	77	712979	34.43	ng		91
25) Isophorone	7.58	82	1453655	38.80	ng		97
26) 2-Nitrophenol	7.66	139	390458	45.18	ng	#	63
27) 2,4-Dimethylphenol	7.71	122	552140	35.55	ng		95
28) bis(2-Chloroethoxy)methane	7.80	93	770770	36.47	ng	#	98
29) 2,4-Dichlorophenol	7.92	162	578272	41.20	ng		97
30) 1,2,4-Trichlorobenzene	7.98	180	585230	37.08	ng		99
31) Naphthalene	8.06	128	1637015	33.68	ng		99
32) Benzoic acid	7.86	122	372203	35.01	ng		89
33) 4-Chloroaniline	8.12	127	846028	40.38	ng	#	89
34) Hexachlorobutadiene	8.19	225	352771	35.71	ng		98
35) Caprolactam	8.51	113	165217	37.34	ng	#	85
36) 4-Chloro-3-methylphenol	8.61	107	558882	33.86	ng		92
37) 2-Methylnaphthalene	8.76	142	1244679m	39.58	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	505254	32.52	ng		98
40) Hexachlorocyclopentadiene	8.92	237	302849	36.29	ng		94

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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	9.05	196	416019	35.88	ng		98
43) 2,4,5-Trichlorophenol	9.08	196	397077	34.62	ng		95
45) 1,1'-Biphenyl	9.23	154	1453932	35.84	ng		98
46) 2-Chloronaphthalene	9.24	162	1091615	34.50	ng		96
47) 2-Nitroaniline	9.34	65	452900	38.58	ng	#	77
48) Acenaphthylene	9.66	152	1851520	37.34	ng		99
49) Dimethylphthalate	9.54	163	1465451	37.84	ng		99
50) 2,6-Dinitrotoluene	9.60	165	313880	37.98	ng	#	52
51) Acenaphthene	9.84	154	1232907	39.23	ng		98
52) 3-Nitroaniline	9.76	138	316438	34.82	ng	#	88
53) 2,4-Dinitrophenol	9.86	184	142832	31.48	ng	#	24
54) Dibenzofuran	10.01	168	1609921	37.99	ng	#	88
55) 4-Nitrophenol	9.94	139	273200	39.18	ng	#	72
56) 2,4-Dinitrotoluene	10.00	165	456501	40.71	ng	#	83
57) Fluorene	10.35	166	1267566	36.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	319594	34.14	ng	#	87
59) Diethylphthalate	10.24	149	1427191	37.74	ng		97
60) 4-Chlorophenyl-phenylether	10.34	204	540180	31.46	ng	#	89
61) 4-Nitroaniline	10.37	138	365747	40.02	ng	#	79
62) Azobenzene	10.50	77	1526987	37.59	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	262228	42.35	ng		82
65) n-Nitrosodiphenylamine	10.46	169	1191475	37.94	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	401332	38.35	ng	#	89
67) Hexachlorobenzene	10.90	284	448701	38.40	ng	#	61
68) Atrazine	10.99	200	339886	35.00	ng		97
69) Pentachlorophenol	11.09	266	254442	35.85	ng		98
70) Phenanthrene	11.30	178	1719063	34.06	ng		99
71) Anthracene	11.36	178	1977247	37.19	ng		100
72) Carbazole	11.52	167	1826596	39.25	ng		97
73) Di-n-butylphthalate	11.85	149	1962886	33.85	ng		99
74) Fluoranthene	12.49	202	2006051	37.04	ng		99
76) Benzidine	12.61	184	1092548	39.63	ng		99
77) Pyrene	12.72	202	2212183	39.16	ng		99
79) Butylbenzylphthalate	13.35	149	1295029	51.90	ng	#	85
80) Benzo(a)anthracene	13.89	228	2116349	41.15	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	807910	44.18	ng	#	97
82) Chrysene	13.94	228	1984665	42.13	ng		98
83) Bis(2-ethylhexyl)phthalate	13.91	149	1393254	40.79	ng		99
84) Di-n-octyl phthalate	14.52	149	2661000	46.71	ng		96
85) Indeno(1,2,3-cd)pyrene	16.64	276	1811825	44.66	ng	#	93
87) Benzo(b)fluoranthene	14.91	252	2167726m	43.87	ng		
88) Benzo(k)fluoranthene	14.95	252	1233672m	28.14	ng		
89) Benzo(a)pyrene	15.25	252	1604780	37.48	ng		98
90) Dibenzo(a,h)anthracene	16.66	278	1471178	40.58	ng	#	97
91) Benzo(g,h,i)perylene	17.05	276	1516026	43.66	ng		97

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

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