Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020416\
Data File : BF084830.D
Acq On : 4 Feb 2016 15:51
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
2/5/2016 1:48:38 PM

Quant Time: Feb 05 02:33:03 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	6.67	152	156955	20.00	ng		-0.01
21) Naphthalene-d8	7.96	136	632464	20.00	ng		-0.01
38) Acenaphthene-d10	9.71	164	289587	20.00	ng		-0.02
63) Phenanthrene-d10	11.20	188	557444	20.00	ng		-0.01
75) Chrysene-d12	13.83	240	388404	20.00	ng		-0.01
86) Perylene-d12	15.20	264	315972	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.25	112	752230	74.65	ng		-0.02
7) Phenol-d6	6.33	99	941505	75.37	ng		-0.01
23) Nitrobenzene-d5	7.25	82	941768	83.88	ng		-0.01
41) 2,4,6-Tribromophenol	10.50	330	235348	77.91	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	1627111	100.98	ng		-0.01
78) Terphenyl-d14	12.77	244	1408892	82.20	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	164257	37.21	ng	#	75
3) Pyridine	2.81	79	452931	39.38	ng	#	77
4) n-Nitrosodimethylamine	2.75	42	237451	39.92	ng	#	78
6) Aniline	6.34	93	613098	40.11	ng	#	63
8) 2-Chlorophenol	6.46	128	448567	39.33	ng		92
9) Benzaldehyde	6.21	77	275007	37.28	ng		95
10) Phenol	6.34	94	537278	38.39	ng	#	71
11) bis(2-Chloroethyl)ether	6.42	93	434683	39.83	ng		85
12) 1,3-Dichlorobenzene	6.61	146	482350	40.03	ng	#	96
13) 1,4-Dichlorobenzene	6.69	146	495164	41.10	ng		96
14) 1,2-Dichlorobenzene	6.84	146	401122	35.75	ng		94
15) Benzyl Alcohol	6.83	79	340272	39.45	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.97	45	702886	38.29	ng		87
17) 2-Methylphenol	6.96	107	361275	40.05	ng	#	93
18) Hexachloroethane	7.18	117	179803	38.76	ng		96
19) n-Nitroso-di-n-propylamine	7.10	70	293525	37.48	ng	#	75
20) 3+4-Methylphenols	7.10	107	430637	38.46	ng	#	75
22) Acetophenone	7.09	105	621076	37.26	ng	#	98
24) Nitrobenzene	7.26	77	437710	36.41	ng		93
25) Isophorone	7.52	82	852396	39.04	ng		96
26) 2-Nitrophenol	7.58	139	253880	42.82	ng	#	88
27) 2,4-Dimethylphenol	7.63	122	369460	35.82	ng		95
28) bis(2-Chloroethoxy)methane	7.72	93	480049	37.06	ng		100
29) 2,4-Dichlorophenol	7.82	162	335613	38.03	ng		93
30) 1,2,4-Trichlorobenzene	7.90	180	369987	37.12	ng		96
31) Naphthalene	7.98	128	1217201	38.37	ng		99
32) Benzoic acid	7.77	122	285273	43.24	ng		95
33) 4-Chloroaniline	8.04	127	509867	38.86	ng		98
34) Hexachlorobutadiene	8.11	225	229875	40.00	ng		97
35) Caprolactam	8.43	113	120049	44.14	ng	#	84
36) 4-Chloro-3-methylphenol	8.53	107	375128	37.26	ng		93
37) 2-Methylnaphthalene	8.68	142	769795	38.77	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.84	216	365381	39.73	ng		98
40) Hexachlorocyclopentadiene	8.83	237	154221	46.17	ng		98

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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	8.96	196	233448	39.40	ng		98
43) 2,4,5-Trichlorophenol	9.00	196	248499	41.28	ng	#	89
45) 1,1'-Biphenyl	9.14	154	930824	35.99	ng		98
46) 2-Chloronaphthalene	9.16	162	713576	37.46	ng		95
47) 2-Nitroaniline	9.26	65	239001	39.63	ng		96
48) Acenaphthylene	9.57	152	1095544	37.90	ng		98
49) Dimethylphthalate	9.45	163	864608	39.20	ng	#	89
50) 2,6-Dinitrotoluene	9.52	165	205282	42.60	ng		92
51) Acenaphthene	9.74	154	688643	36.62	ng		99
52) 3-Nitroaniline	9.68	138	192693	35.59	ng		95
53) 2,4-Dinitrophenol	9.79	184	77786	38.24	ng		85
54) Dibenzofuran	9.92	168	855632	37.23	ng		91
55) 4-Nitrophenol	9.86	139	162755	40.90	ng		84
56) 2,4-Dinitrotoluene	9.92	165	278002	45.24	ng		93
57) Fluorene	10.26	166	730124	38.04	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.04	232	188119	41.05	ng		92
59) Diethylphthalate	10.14	149	829863	38.53	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	390407	49.07	ng		97
61) 4-Nitroaniline	10.29	138	242219	45.91	ng		88
62) Azobenzene	10.42	77	885033	42.74	ng		97
64) 4,6-Dinitro-2-methylphenol	10.32	198	129782	37.72	ng	#	52
65) n-Nitrosodiphenylamine	10.38	169	664814	37.56	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	238571	38.75	ng	#	93
67) Hexachlorobenzene	10.81	284	268096	39.96	ng		98
68) Atrazine	10.91	200	204663	36.61	ng		98
69) Pentachlorophenol	11.00	266	125619	39.84	ng		98
70) Phenanthrene	11.22	178	1267949	41.01	ng		98
71) Anthracene	11.26	178	1143340	36.70	ng		100
72) Carbazole	11.42	167	972755	35.81	ng		100
73) Di-n-butylphthalate	11.77	149	1301969	37.64	ng	#	97
74) Fluoranthene	12.40	202	1121643	35.84	ng		99
76) Benzidine	12.53	184	511825	37.26	ng		98
77) Pyrene	12.62	202	1199933	40.35	ng		99
79) Butylbenzylphthalate	13.25	149	514666	38.15	ng	#	86
80) Benzo(a)anthracene	13.81	228	941371	39.05	ng		99
81) 3,3'-Dichlorobenzidine	13.78	252	336186	39.39	ng	#	94
82) Chrysene	13.85	228	900212	38.51	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	680331	40.53	ng	#	93
84) Di-n-octyl phthalate	14.43	149	1022592	36.92	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.48	276	781396	42.47	ng		98
87) Benzo(b)fluoranthene	14.82	252	850988m	40.08	ng		
88) Benzo(k)fluoranthene	14.84	252	643606m	36.67	ng		
89) Benzo(a)pyrene	15.14	252	704974	38.97	ng		99
90) Dibenzo(a,h)anthracene	16.49	278	653393	42.91	ng		96
91) Benzo(g,h,i)perylene	16.87	276	669429	43.64	ng		95

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

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