Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012516\
Data File : BF084602.D
Acq On : 25 Jan 2016 12:33
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/26/2016 10:43:15 AM

Quant Time: Jan 25 16:30:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	196720	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	1100552	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	519624	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	1030390	20.00	ng		0.00
75) Chrysene-d12	13.89	240	785744	20.00	ng		0.00
86) Perylene-d12	15.28	264	711036	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1089565	89.59	ng		0.00
7) Phenol-d6	6.40	99	1242700	81.36	ng		0.00
23) Nitrobenzene-d5	7.31	82	1470046	74.34	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	424204	80.86	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2451796	82.84	ng		0.00
78) Terphenyl-d14	12.85	244	2791064	79.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	280300	48.65	ng	#	77
3) Pyridine	2.93	79	730090	45.45	ng	#	75
4) n-Nitrosodimethylamine	2.89	42	400625	48.59	ng	#	80
6) Aniline	6.41	93	799500	35.78	ng	#	45
8) 2-Chlorophenol	6.52	128	535154	38.78	ng		83
9) Benzaldehyde	6.28	77	318577	32.03	ng		98
10) Phenol	6.41	94	761717	43.86	ng		77
11) bis(2-Chloroethyl)ether	6.49	93	557525	41.44	ng		90
12) 1,3-Dichlorobenzene	6.68	146	596296	41.89	ng		97
13) 1,4-Dichlorobenzene	6.76	146	580724m	40.68	ng		
14) 1,2-Dichlorobenzene	6.91	146	617587	45.18	ng		97
15) Benzyl Alcohol	6.90	79	582235	45.31	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1145498	46.76	ng		94
17) 2-Methylphenol	7.01	107	565610	48.91	ng	#	92
18) Hexachloroethane	7.25	117	308037	53.97	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	523515	50.63	ng	#	77
20) 3+4-Methylphenols	7.17	107	741728	54.57	ng		88
22) Acetophenone	7.16	105	1030665	38.95	ng		96
24) Nitrobenzene	7.33	77	830727	41.42	ng		99
25) Isophorone	7.57	82	1456090	38.50	ng		98
26) 2-Nitrophenol	7.65	139	397214	43.52	ng	#	87
27) 2,4-Dimethylphenol	7.70	122	724096	39.19	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	913382	39.54	ng		98
29) 2,4-Dichlorophenol	7.89	162	581905	37.81	ng		97
30) 1,2,4-Trichlorobenzene	7.97	180	653740	41.14	ng	#	96
31) Naphthalene	8.05	128	2095736	41.97	ng		98
32) Benzoic acid	7.85	122	495111	42.48	ng		93
33) 4-Chloroaniline	8.11	127	919490	40.17	ng	#	91
34) Hexachlorobutadiene	8.17	225	340118	37.24	ng		99
35) Caprolactam	8.50	113	201707	38.88	ng	#	46
36) 4-Chloro-3-methylphenol	8.60	107	728522	42.26	ng		97
37) 2-Methylnaphthalene	8.74	142	1284941	35.85	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	638362	42.73	ng		99
40) Hexachlorocyclopentadiene	8.90	237	341969	37.92	ng		98

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Quant Time: Jan 25 16:30:20 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	435014	38.92	ng		95
43) 2,4,5-Trichlorophenol	9.07	196	449033	41.91	ng	#	92
45) 1,1'-Biphenyl	9.21	154	1626893	39.39	ng		99
46) 2-Chloronaphthalene	9.23	162	1256000	38.72	ng		94
47) 2-Nitroaniline	9.33	65	498879	46.60	ng		90
48) Acenaphthylene	9.64	152	1727859	36.05	ng		96
49) Dimethylphthalate	9.52	163	1457344	39.23	ng	#	90
50) 2,6-Dinitrotoluene	9.57	165	317089	38.92	ng	#	43
51) Acenaphthene	9.81	154	1283207	39.92	ng		97
52) 3-Nitroaniline	9.74	138	363118	35.97	ng		96
53) 2,4-Dinitrophenol	9.85	184	191489	56.28	ng	#	83
54) Dibenzofuran	9.98	168	1566467	37.10	ng		90
55) 4-Nitrophenol	9.92	139	283626	38.70	ng	#	74
56) 2,4-Dinitrotoluene	9.97	165	456236	44.24	ng	#	74
57) Fluorene	10.33	166	1265326	38.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	406474	44.44	ng		90
59) Diethylphthalate	10.21	149	1489069	40.66	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	654005	48.81	ng		89
61) 4-Nitroaniline	10.36	138	381883	42.43	ng		94
62) Azobenzene	10.49	77	1682066	41.87	ng		93
64) 4,6-Dinitro-2-methylphenol	10.38	198	249811	39.68	ng	#	68
65) n-Nitrosodiphenylamine	10.44	169	1185664	35.99	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	404673	36.49	ng	#	75
67) Hexachlorobenzene	10.88	284	503661	40.35	ng		98
68) Atrazine	10.98	200	413034	38.31	ng		99
69) Pentachlorophenol	11.07	266	279820	43.23	ng		98
70) Phenanthrene	11.29	178	2212285	41.05	ng		95
71) Anthracene	11.33	178	2086816	39.50	ng		98
72) Carbazole	11.49	167	1757260	34.02	ng		98
73) Di-n-butylphthalate	11.84	149	2547291	46.90	ng	#	97
74) Fluoranthene	12.46	202	2106603	37.41	ng		98
76) Benzidine	12.59	184	804261	28.55	ng		99
77) Pyrene	12.69	202	2128055	34.51	ng		96
79) Butylbenzylphthalate	13.32	149	1002150	37.56	ng		87
80) Benzo(a)anthracene	13.88	228	1917624	41.56	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	770738	47.87	ng		98
82) Chrysene	13.93	228	1824715	41.16	ng		100
83) Bis(2-ethylhexyl)phthalate	13.88	149	1243614	36.89	ng		99
84) Di-n-octyl phthalate	14.50	149	2303743	40.48	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.60	276	1407795	40.06	ng		98
87) Benzo(b)fluoranthene	14.90	252	1937260m	41.65	ng		
88) Benzo(k)fluoranthene	14.92	252	1319167m	34.68	ng		
89) Benzo(a)pyrene	15.23	252	1590685	40.32	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	1155824	34.05	ng		98
91) Benzo(g,h,i)perylene	17.00	276	1138439	32.38	ng		99

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

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