Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020316\
Data File : BF084802.D
Acq On : 3 Feb 2016 23:27
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
2/4/2016 2:04:49 PM

Quant Time: Feb 04 04:01:32 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	6.68	152	164052	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	666149	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	306573	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	582046	20.00	ng		0.00
75) Chrysene-d12	13.84	240	426937	20.00	ng		0.00
86) Perylene-d12	15.21	264	329375	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	905951	86.02	ng		0.00
7) Phenol-d6	6.34	99	1017882	77.96	ng		0.00
23) Nitrobenzene-d5	7.26	82	1030226	87.12	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	266271	83.27	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1675433	96.35	ng		0.00
78) Terphenyl-d14	12.80	244	1657303	87.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.18	88	185579	40.23	ng	#	77
3) Pyridine	2.84	79	483599	40.23	ng	#	74
4) n-Nitrosodimethylamine	2.80	42	252280	40.58	ng		82
6) Aniline	6.35	93	659661	41.29	ng	#	68
8) 2-Chlorophenol	6.48	128	510051	42.78	ng		95
9) Benzaldehyde	6.22	77	309217	40.10	ng		95
10) Phenol	6.35	94	548135	37.47	ng	#	64
11) bis(2-Chloroethyl)ether	6.43	93	469849	41.19	ng		86
12) 1,3-Dichlorobenzene	6.62	146	510183	40.50	ng	#	95
13) 1,4-Dichlorobenzene	6.70	146	539414	42.84	ng		96
14) 1,2-Dichlorobenzene	6.86	146	446427m	38.07	ng		
15) Benzyl Alcohol	6.84	79	361176	40.06	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.98	45	755890	39.40	ng		87
17) 2-Methylphenol	6.97	107	399772	42.40	ng	#	94
18) Hexachloroethane	7.20	117	201860	41.63	ng		91
19) n-Nitroso-di-n-propylamine	7.12	70	314240	38.39	ng	#	75
20) 3+4-Methylphenols	7.12	107	462350	39.51	ng	#	71
22) Acetophenone	7.10	105	690080	39.31	ng	#	97
24) Nitrobenzene	7.28	77	466379	36.83	ng		93
25) Isophorone	7.53	82	930940	40.49	ng		95
26) 2-Nitrophenol	7.60	139	264618	42.37	ng	#	88
27) 2,4-Dimethylphenol	7.64	122	406807	37.45	ng		97
28) bis(2-Chloroethoxy)methane	7.74	93	527490	38.67	ng	#	96
29) 2,4-Dichlorophenol	7.85	162	380422	40.93	ng		91
30) 1,2,4-Trichlorobenzene	7.92	180	412280	39.27	ng		96
31) Naphthalene	8.00	128	1282903	38.39	ng		99
32) Benzoic acid	7.79	122	315209	45.36	ng		95
33) 4-Chloroaniline	8.05	127	532212	38.51	ng		99
34) Hexachlorobutadiene	8.12	225	257408	42.52	ng		99
35) Caprolactam	8.44	113	124204	43.35	ng	#	62
36) 4-Chloro-3-methylphenol	8.54	107	399296	37.66	ng		93
37) 2-Methylnaphthalene	8.69	142	882616	42.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.85	216	374378	38.45	ng		99
40) Hexachlorocyclopentadiene	8.84	237	167668	47.12	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.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	8.98	196	253285	40.38	ng		92
43) 2,4,5-Trichlorophenol	9.01	196	267258	41.93	ng	#	88
45) 1,1'-Biphenyl	9.16	154	1127463	41.17	ng		93
46) 2-Chloronaphthalene	9.17	162	776973	38.53	ng		97
47) 2-Nitroaniline	9.28	65	236474	37.03	ng		97
48) Acenaphthylene	9.58	152	1186623	38.78	ng		98
49) Dimethylphthalate	9.47	163	963922	41.28	ng	#	91
50) 2,6-Dinitrotoluene	9.53	165	236451	46.35	ng	#	92
51) Acenaphthene	9.76	154	777215	39.04	ng		97
52) 3-Nitroaniline	9.69	138	211349	36.87	ng		95
53) 2,4-Dinitrophenol	9.80	184	94308	42.95	ng	#	84
54) Dibenzofuran	9.93	168	972232	39.96	ng		91
55) 4-Nitrophenol	9.87	139	170499	40.47	ng		91
56) 2,4-Dinitrotoluene	9.93	165	289938	44.56	ng	#	95
57) Fluorene	10.27	166	761250	37.46	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.05	232	202322	41.70	ng		94
59) Diethylphthalate	10.16	149	908599	39.85	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	407831	48.31	ng		100
61) 4-Nitroaniline	10.30	138	230786	41.32	ng		92
62) Azobenzene	10.43	77	958792	43.73	ng		94
64) 4,6-Dinitro-2-methylphenol	10.34	198	154822	43.10	ng		70
65) n-Nitrosodiphenylamine	10.40	169	776981	42.04	ng		98
66) 4-Bromophenyl-phenylether	10.76	248	266162	41.40	ng		97
67) Hexachlorobenzene	10.82	284	287004	40.97	ng	#	94
68) Atrazine	10.92	200	218295	37.40	ng		99
69) Pentachlorophenol	11.01	266	136055	41.33	ng		97
70) Phenanthrene	11.23	178	1249353	38.70	ng		97
71) Anthracene	11.29	178	1312482	40.35	ng		99
72) Carbazole	11.44	167	1107911	39.06	ng		100
73) Di-n-butylphthalate	11.78	149	1366809	37.85	ng	#	96
74) Fluoranthene	12.41	202	1284444	39.31	ng		97
76) Benzidine	12.55	184	592765	39.43	ng		99
77) Pyrene	12.64	202	1256330	38.43	ng		100
79) Butylbenzylphthalate	13.28	149	612914	41.33	ng	#	79
80) Benzo(a)anthracene	13.83	228	1057589	39.91	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	368174	39.24	ng	#	94
82) Chrysene	13.86	228	948526	36.91	ng		100
83) Bis(2-ethylhexyl)phthalate	13.84	149	795583	43.11	ng	#	95
84) Di-n-octyl phthalate	14.44	149	1208272	39.69	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.50	276	810707	40.08	ng		98
87) Benzo(b)fluoranthene	14.83	252	814837m	36.82	ng		
88) Benzo(k)fluoranthene	14.85	252	763707m	41.74	ng		
89) Benzo(a)pyrene	15.15	252	727596	38.59	ng	#	94
90) Dibenzo(a,h)anthracene	16.51	278	666460	41.99	ng		98
91) Benzo(g,h,i)perylene	16.89	276	681817	42.64	ng		97

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

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