Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112715\
Data File : BF083328.D
Acq On : 27 Nov 2015 14:19
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Mmdadoda
12/1/2015 5:22:49 PM

Quant Time: Nov 27 14:48:56 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 09:22:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.57	152	257327m	20.00	ng		-0.09
21) Naphthalene-d8	7.86	136	944635	20.00	ng		-0.09
38) Acenaphthene-d10	9.60	164	426157	20.00	ng		-0.10
63) Phenanthrene-d10	11.07	188	667657	20.00	ng		-0.10
75) Chrysene-d12	13.69	240	477435	20.00	ng		-0.11
86) Perylene-d12	15.04	264	593174	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.15	112	1328371	78.05	ng		-0.13
7) Phenol-d6	6.25	99	1772167	80.47	ng		-0.09
23) Nitrobenzene-d5	7.14	82	1675814	81.06	ng		-0.09
41) 2,4,6-Tribromophenol	10.39	330	275864	63.27	ng		-0.10
44) 2-Fluorobiphenyl	8.94	172	2224929	72.80	ng		-0.09
78) Terphenyl-d14	12.65	244	1396294	68.87	ng		-0.11
Target Compounds							Qvalue
2) 1,4-Dioxane	2.00	88	21520m	2.55	ng		
3) Pyridine	2.60	79	889118m	39.93	ng		
4) n-Nitrosodimethylamine	2.57	42	464346m	45.21	ng		
6) Aniline	6.24	93	1216582	45.20	ng		99
8) 2-Chlorophenol	6.36	128	711868	38.71	ng		84
9) Benzaldehyde	6.10	77	458156	42.16	ng		92
10) Phenol	6.26	94	1062685m	39.89	ng		
11) bis(2-Chloroethyl)ether	6.32	93	814102	42.79	ng		98
12) 1,3-Dichlorobenzene	6.58	146	787355	37.50	ng		99
13) 1,4-Dichlorobenzene	6.74	146	767616	36.14	ng		98
14) 1,2-Dichlorobenzene	6.74	146	767616	39.76	ng		99
15) Benzyl Alcohol	6.73	79	634552	34.48	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.87	45	1346909	45.40	ng		76
17) 2-Methylphenol	6.87	107	612332	40.24	ng		98
18) Hexachloroethane	7.08	117	290999	38.90	ng		91
19) n-Nitroso-di-n-propylamine	7.00	70	602966	39.34	ng		97
20) 3+4-Methylphenols	7.02	107	809529	42.08	ng		93
22) Acetophenone	6.99	105	1022055	37.69	ng	#	97
24) Nitrobenzene	7.16	77	838815	37.97	ng		99
25) Isophorone	7.42	82	1551856	39.65	ng		97
26) 2-Nitrophenol	7.48	139	393828	40.39	ng		92
27) 2,4-Dimethylphenol	7.54	122	573782	36.87	ng		96
28) bis(2-Chloroethoxy)methane	7.63	93	897938	39.46	ng		99
29) 2,4-Dichlorophenol	7.74	162	595272	40.22	ng		95
30) 1,2,4-Trichlorobenzene	7.80	180	650006	39.98	ng		97
31) Naphthalene	7.88	128	1979240	38.82	ng		99
32) Benzoic acid	7.70	122	323116	26.71	ng		90
33) 4-Chloroaniline	7.94	127	789966	39.94	ng		95
34) Hexachlorobutadiene	8.01	225	370249	38.53	ng		97
35) Caprolactam	8.33	113	162843	34.33	ng		93
36) 4-Chloro-3-methylphenol	8.44	107	617382	36.01	ng		91
37) 2-Methylnaphthalene	8.57	142	1261089	38.11	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	586320	42.45	ng		99
40) Hexachlorocyclopentadiene	8.73	237	306421	39.01	ng		99

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Quant Time: Nov 27 14:48:56 2015
Quant Method : Z:\HPCHEM1\BNA F\Methods\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	388836	39.31	ng		99
43) 2,4,5-Trichlorophenol	8.90	196	398750	39.42	ng	#	85
45) 1,1'-Biphenyl	9.04	154	1587607	43.77	ng		97
46) 2-Chloronaphthalene	9.06	162	1140252	40.02	ng		96
47) 2-Nitroaniline	9.16	65	470032	46.64	ng	#	82
48) Acenaphthylene	9.46	152	1630088	36.92	ng		99
49) Dimethylphthalate	9.35	163	1185221	36.12	ng		100
50) 2,6-Dinitrotoluene	9.40	165	260836	35.43	ng		96
51) Acenaphthene	9.63	154	981137	36.51	ng		100
52) 3-Nitroaniline	9.58	138	319919	40.76	ng	#	72
53) 2,4-Dinitrophenol	9.68	184	128895	30.39	ng		93
54) Dibenzofuran	9.80	168	1359262	35.78	ng		96
55) 4-Nitrophenol	9.76	139	170505	28.33	ng	#	88
56) 2,4-Dinitrotoluene	9.80	165	313187	33.58	ng	#	90
57) Fluorene	10.15	166	1089422	34.70	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.93	232	285181	34.37	ng		98
59) Diethylphthalate	10.04	149	1238677	37.93	ng		99
60) 4-Chlorophenyl-phenylether	10.15	204	553860	38.51	ng	#	87
61) 4-Nitroaniline	10.19	138	294540	38.12	ng		94
62) Azobenzene	10.31	77	1516576	40.69	ng		92
64) 4,6-Dinitro-2-methylphenol	10.22	198	197020	42.83	ng		93
65) n-Nitrosodiphenylamine	10.27	169	1041940	45.88	ng		98
66) 4-Bromophenyl-phenylether	10.63	248	309779	41.81	ng	#	86
67) Hexachlorobenzene	10.70	284	359950	44.12	ng	#	90
68) Atrazine	10.80	200	232040	35.19	ng		99
69) Pentachlorophenol	10.89	266	177315	33.37	ng		96
70) Phenanthrene	11.10	178	1446054	37.59	ng		99
71) Anthracene	11.15	178	1584770	40.38	ng		98
72) Carbazole	11.31	167	1333030	38.21	ng		99
73) Di-n-butylphthalate	11.66	149	1515898	35.60	ng		98
74) Fluoranthene	12.27	202	1293153	32.85	ng		100
76) Benzidine	12.41	184	585554	46.79	ng		99
77) Pyrene	12.50	202	1334917	40.93	ng		98
79) Butylbenzylphthalate	13.13	149	526153	34.08	ng	#	83
80) Benzo(a)anthracene	13.68	228	1161289	39.33	ng		100
81) 3,3'-Dichlorobenzidine	13.66	252	440209	42.83	ng	#	98
82) Chrysene	13.73	228	1080860	39.47	ng		99
83) Bis(2-ethylhexyl)phthalate	13.70	149	792981	39.33	ng	#	97
84) Di-n-octyl phthalate	14.31	149	1464662	42.20	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.25	276	1659369	66.62	ng		97
87) Benzo(b)fluoranthene	14.69	252	1498441m	36.97	ng		
88) Benzo(k)fluoranthene	14.71	252	983479m	32.57	ng		
89) Benzo(a)pyrene	14.98	252	1233683	36.87	ng	#	95
90) Dibenzo(a,h)anthracene	16.27	278	1361775	44.80	ng		99
91) Benzo(g,h,i)perylene	16.62	276	1379070	46.48	ng	#	93

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

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