Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111815\
Data File : BF083039.D
Acq On : 19 Nov 2015 6:12
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:45:24 PM

Quant Time: Nov 19 07:01:11 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 18 13:32:32 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	227439	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	827265	20.00	ng		0.01
38) Acenaphthene-d10	9.78	164	376510	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	609649	20.00	ng		0.00
75) Chrysene-d12	13.89	240	491560	20.00	ng		0.00
86) Perylene-d12	15.28	264	390033	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1009729	69.08	ng		0.00
7) Phenol-d6	6.41	99	1455716	74.91	ng		0.01
23) Nitrobenzene-d5	7.31	82	1308474	68.82	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	231853	53.71	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	2055102	78.23	ng		0.00
78) Terphenyl-d14	12.84	244	1398752	67.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	236781	37.54	ng		96
3) Pyridine	2.90	79	734478	40.13	ng		99
4) n-Nitrosodimethylamine	2.88	42	365605	40.28	ng		85
6) Aniline	6.41	93	1013479	37.14	ng	#	73
8) 2-Chlorophenol	6.53	128	632177	39.01	ng		95
9) Benzaldehyde	6.28	77	388711	36.21	ng		85
10) Phenol	6.42	94	944093	42.82	ng		83
11) bis(2-Chloroethyl)ether	6.49	93	623383	37.81	ng	#	81
12) 1,3-Dichlorobenzene	6.68	146	720229m	39.41	ng		
13) 1,4-Dichlorobenzene	6.76	146	688901m	36.23	ng		
14) 1,2-Dichlorobenzene	6.91	146	557974	32.27	ng		94
15) Benzyl Alcohol	6.90	79	622773	36.49	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.02	45	876940	36.26	ng	#	26
17) 2-Methylphenol	7.02	107	514492	37.49	ng	#	93
18) Hexachloroethane	7.25	117	190380	27.99	ng		92
19) n-Nitroso-di-n-propylamine	7.17	70	461687	32.32	ng		89
20) 3+4-Methylphenols	7.17	107	563442	31.58	ng	#	64
22) Acetophenone	7.16	105	913525	38.54	ng	#	98
24) Nitrobenzene	7.33	77	776501	39.94	ng		93
25) Isophorone	7.57	82	1314631	37.37	ng		99
26) 2-Nitrophenol	7.64	139	171729	21.16	ng	#	80
27) 2,4-Dimethylphenol	7.70	122	455389	31.23	ng		97
28) bis(2-Chloroethoxy)methane	7.79	93	820326	41.34	ng		98
29) 2,4-Dichlorophenol	7.89	162	448668	34.04	ng		85
30) 1,2,4-Trichlorobenzene	7.97	180	532072	35.90	ng		98
31) Naphthalene	8.05	128	1715250	37.58	ng		100
32) Benzoic acid	7.84	122	182503	18.28	ng		89
33) 4-Chloroaniline	8.11	127	705778	35.88	ng	#	79
34) Hexachlorobutadiene	8.18	225	344178	37.11	ng		98
35) Caprolactam	8.50	113	136011	32.74	ng		92
36) 4-Chloro-3-methylphenol	8.60	107	512412	33.06	ng		90
37) 2-Methylnaphthalene	8.74	142	942313	31.91	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	510436	41.25	ng		97
40) Hexachlorocyclopentadiene	8.90	237	28205	4.24	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	305530	33.08	ng		99
43) 2,4,5-Trichlorophenol	9.07	196	321089	35.15	ng		92
45) 1,1'-Biphenyl	9.21	154	1194161	36.96	ng		97
46) 2-Chloronaphthalene	9.23	162	975096	38.69	ng		97
47) 2-Nitroaniline	9.32	65	377864	40.42	ng		91
48) Acenaphthylene	9.64	152	1482204	37.53	ng		100
49) Dimethylphthalate	9.52	163	1231918	39.94	ng		99
50) 2,6-Dinitrotoluene	9.57	165	224610	34.12	ng		90
51) Acenaphthene	9.81	154	797027	31.84	ng		99
52) 3-Nitroaniline	9.74	138	345258	47.69	ng	#	81
54) Dibenzofuran	9.98	168	1239933	36.74	ng		93
55) 4-Nitrophenol	9.92	139	144659	26.05	ng		87
56) 2,4-Dinitrotoluene	9.97	165	253988	28.44	ng		95
57) Fluorene	10.33	166	1019497	37.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	249107	33.41	ng	#	90
59) Diethylphthalate	10.21	149	1233650	40.96	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	476196	34.82	ng	#	86
61) 4-Nitroaniline	10.35	138	300605	41.29	ng	#	85
62) Azobenzene	10.48	77	1135970	35.11	ng		89
64) 4,6-Dinitro-2-methylphenol	10.38	198	16877	3.89	ng		98
65) n-Nitrosodiphenylamine	10.44	169	860776	39.08	ng		98
66) 4-Bromophenyl-phenylether	10.81	248	276693	37.69	ng	#	78
67) Hexachlorobenzene	10.88	284	289999	35.38	ng	#	82
68) Atrazine	10.97	200	116770	17.15	ng		98
69) Pentachlorophenol	11.07	266	146166	29.37	ng		99
70) Phenanthrene	11.29	178	1430679	40.41	ng		98
71) Anthracene	11.33	178	1250802	33.54	ng		99
72) Carbazole	11.49	167	1271208	38.94	ng		98
73) Di-n-butylphthalate	11.84	149	1751592	43.06	ng	#	97
74) Fluoranthene	12.46	202	1168159	30.75	ng		99
76) Benzidine	12.59	184	720184	43.72	ng		99
77) Pyrene	12.69	202	1235149	36.59	ng		99
79) Butylbenzylphthalate	13.32	149	644192	43.20	ng		91
80) Benzo(a)anthracene	13.88	228	1143762	37.21	ng		97
81) 3,3'-Dichlorobenzidine	13.85	252	439655	40.23	ng	#	96
82) Chrysene	13.92	228	989225m	35.14	ng		
83) Bis(2-ethylhexyl)phthalate	13.88	149	785723	38.49	ng	#	97
84) Di-n-octyl phthalate	14.50	149	1400914	41.14	ng		99
85) Indeno(1,2,3-cd)pyrene	16.61	276	849467	35.03	ng		99
87) Benzo(b)fluoranthene	14.90	252	1092202m	43.63	ng		
88) Benzo(k)fluoranthene	14.92	252	706310m	31.80	ng		
89) Benzo(a)pyrene	15.23	252	868171	40.03	ng	#	98
90) Dibenzo(a,h)anthracene	16.63	278	715029	38.93	ng		98
91) Benzo(g,h,i)perylene	17.00	276	653336	37.14	ng		99

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

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