Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111315\
Data File : BF082939.D
Acq On : 14 Nov 2015 12:32
Operator : UM/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Mmdadoda
11/16/2015 12:44:11 PM

Quant Time: Nov 16 01:17:04 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 07 02:32:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	189053	20.00	ng		-0.05
21) Naphthalene-d8	8.10	136	706253	20.00	ng		-0.05
38) Acenaphthene-d10	9.85	164	334045	20.00	ng		-0.05
63) Phenanthrene-d10	11.33	188	609282	20.00	ng		-0.05
75) Chrysene-d12	13.96	240	347272	20.00	ng		-0.06
86) Perylene-d12	15.39	264	414740	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	862334	70.97	ng		-0.03
7) Phenol-d6	6.46	99	1112387	68.87	ng		-0.01
23) Nitrobenzene-d5	7.38	82	1267118	78.07	ng		-0.03
41) 2,4,6-Tribromophenol	10.64	330	232829	60.79	ng		-0.04
44) 2-Fluorobiphenyl	9.17	172	1638813	70.31	ng		-0.05
78) Terphenyl-d14	12.92	244	1417581	96.82	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	227469	43.39	ng		97
3) Pyridine	3.07	79	626250	41.17	ng		93
4) n-Nitrosodimethylamine	3.00	42	298521	39.56	ng	#	78
6) Aniline	6.46	93	768895	33.90	ng	#	88
8) 2-Chlorophenol	6.60	128	501870	37.26	ng		96
9) Benzaldehyde	6.35	77	347607m	38.95	ng		
10) Phenol	6.48	94	606124	33.07	ng		98
11) bis(2-Chloroethyl)ether	6.54	93	562372	41.03	ng		86
12) 1,3-Dichlorobenzene	6.75	146	573012m	37.72	ng		
13) 1,4-Dichlorobenzene	6.82	146	540903	34.22	ng		98
14) 1,2-Dichlorobenzene	6.98	146	583331	40.58	ng		98
15) Benzyl Alcohol	6.96	79	460259	32.45	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	828167	41.19	ng		73
17) 2-Methylphenol	7.08	107	420659	36.87	ng		94
18) Hexachloroethane	7.32	117	195375	34.56	ng	#	87
19) n-Nitroso-di-n-propylamine	7.23	70	410274	34.55	ng		89
20) 3+4-Methylphenols	7.24	107	566818	38.21	ng	#	60
22) Acetophenone	7.22	105	756500	37.38	ng	#	97
24) Nitrobenzene	7.39	77	558711	33.66	ng	#	89
25) Isophorone	7.63	82	1113984	37.09	ng		97
26) 2-Nitrophenol	7.71	139	284240	41.03	ng	#	71
27) 2,4-Dimethylphenol	7.77	122	484771	38.94	ng		92
28) bis(2-Chloroethoxy)methane	7.85	93	648205	38.27	ng	#	98
29) 2,4-Dichlorophenol	7.96	162	417963	37.15	ng		91
30) 1,2,4-Trichlorobenzene	8.04	180	462802	36.58	ng	#	93
31) Naphthalene	8.12	128	1405759	36.08	ng		98
32) Benzoic acid	7.89	122	309875	36.36	ng		88
33) 4-Chloroaniline	8.17	127	566029	33.71	ng		94
34) Hexachlorobutadiene	8.24	225	270369	34.15	ng		98
35) Caprolactam	8.56	113	131571	37.09	ng	#	87
36) 4-Chloro-3-methylphenol	8.67	107	488702	36.94	ng	#	83
37) 2-Methylnaphthalene	8.81	142	920086	36.50	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	462019	42.09	ng	#	97
40) Hexachlorocyclopentadiene	8.97	237	30056	5.10	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	302440	36.91	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	315053	38.88	ng	#	90
45) 1,1'-Biphenyl	9.28	154	1208236	42.15	ng		98
46) 2-Chloronaphthalene	9.30	162	938908	41.99	ng		99
47) 2-Nitroaniline	9.39	65	288579	34.79	ng		88
48) Acenaphthylene	9.71	152	1343213	38.33	ng		100
49) Dimethylphthalate	9.58	163	1111523	40.61	ng		97
50) 2,6-Dinitrotoluene	9.64	165	251114	43.00	ng	#	65
51) Acenaphthene	9.88	154	767088	34.54	ng		99
52) 3-Nitroaniline	9.81	138	264055	41.11	ng	#	57
53) 2,4-Dinitrophenol	9.90	184	32115	10.02	ng	#	25
54) Dibenzofuran	10.05	168	1126553	37.62	ng		93
55) 4-Nitrophenol	9.98	139	143164	29.06	ng	#	77
56) 2,4-Dinitrotoluene	10.04	165	340628	42.99	ng	#	76
57) Fluorene	10.40	166	879353	36.26	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	237434	35.90	ng		92
59) Diethylphthalate	10.28	149	1083119	40.53	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	438333	36.13	ng		90
61) 4-Nitroaniline	10.42	138	220765	34.18	ng	#	82
62) Azobenzene	10.54	77	1092741	38.07	ng		89
64) 4,6-Dinitro-2-methylphenol	10.44	198	69726	16.06	ng	#	27
65) n-Nitrosodiphenylamine	10.51	169	787539	35.78	ng		98
66) 4-Bromophenyl-phenylether	10.88	248	257478	35.10	ng	#	72
67) Hexachlorobenzene	10.94	284	270564	33.03	ng	#	83
68) Atrazine	11.05	200	288498	42.39	ng		94
69) Pentachlorophenol	11.14	266	133595	26.86	ng		98
70) Phenanthrene	11.36	178	1318841	37.27	ng		99
71) Anthracene	11.40	178	1275679	34.23	ng		99
72) Carbazole	11.56	167	1002347	30.72	ng		98
73) Di-n-butylphthalate	11.91	149	1700887	41.84	ng	#	97
74) Fluoranthene	12.55	202	1192804	31.42	ng		95
76) Benzidine	12.67	184	542620	46.62	ng		99
77) Pyrene	12.76	202	1094868	45.91	ng		98
79) Butylbenzylphthalate	13.39	149	507549	48.17	ng		92
80) Benzo(a)anthracene	13.95	228	879760	40.51	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	330299	42.78	ng	#	95
82) Chrysene	14.00	228	937504	47.13	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	759390	52.66	ng		99
84) Di-n-octyl phthalate	14.58	149	1245664	51.78	ng		96
85) Indeno(1,2,3-cd)pyrene	16.76	276	850236	49.63	ng	#	95
87) Benzo(b)fluoranthene	14.99	252	1082568m	40.66	ng		
88) Benzo(k)fluoranthene	15.01	252	714211m	30.24	ng		
89) Benzo(a)pyrene	15.33	252	857092	37.16	ng	#	97
90) Dibenzo(a,h)anthracene	16.77	278	722892	37.01	ng	#	97
91) Benzo(g,h,i)perylene	17.17	276	641751	34.30	ng		98

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

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