Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081115\
Data File : BF080963.D
Acq On : 11 Aug 2015 15:56
Operator : UM/IZ
Sample : PB84907BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB84907BS

Manual Integrations APPROVED
apatel
8/12/2015 8:33:48 AM

Quant Time: Aug 12 15:03:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	60852	20.00	ng		-0.02
21) Naphthalene-d8	8.08	136	233126	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	107085	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	193365	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	172672	20.00	ng		-0.03
86) Perylene-d12	15.32	264	158318	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	427750	114.85	ng		0.01
7) Phenol-d6	6.43	99	658285	128.98	ng		-0.01
23) Nitrobenzene-d5	7.36	82	421832	85.59	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	133697	113.65	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	619623	81.46	ng		-0.02
78) Terphenyl-d14	12.89	244	675853	80.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	56614	32.05	ng		96
3) Pyridine	3.13	79	163636	32.66	ng		98
4) n-Nitrosodimethylamine	3.08	42	97160	37.99	ng		98
6) Aniline	6.45	93	201499	26.87	ng		94
8) 2-Chlorophenol	6.57	128	151462	35.14	ng	#	82
9) Benzaldehyde	6.33	77	121206	35.23	ng		97
10) Phenol	6.44	94	244332	40.35	ng		78
11) bis(2-Chloroethyl)ether	6.52	93	153946	34.05	ng		92
12) 1,3-Dichlorobenzene	6.73	146	164742	36.02	ng		97
13) 1,4-Dichlorobenzene	6.81	146	166437	35.02	ng		98
14) 1,2-Dichlorobenzene	6.96	146	159036	37.02	ng		98
15) Benzyl Alcohol	6.93	79	153958	36.86	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	312225	34.33	ng		99
17) 2-Methylphenol	7.05	107	137330	37.33	ng	#	93
18) Hexachloroethane	7.30	117	63328	34.78	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	125090	33.53	ng		96
20) 3+4-Methylphenols	7.21	107	175968	38.08	ng	#	81
22) Acetophenone	7.20	105	228110	39.93	ng	#	97
24) Nitrobenzene	7.37	77	169397	33.38	ng		99
25) Isophorone	7.62	82	336265	35.48	ng		99
26) 2-Nitrophenol	7.69	139	80803	37.84	ng		99
27) 2,4-Dimethylphenol	7.73	122	158553	39.66	ng		95
28) bis(2-Chloroethoxy)methane	7.82	93	193961	34.09	ng		97
29) 2,4-Dichlorophenol	7.93	162	126960	38.65	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	134263	37.39	ng		99
31) Naphthalene	8.09	128	446093	34.72	ng		98
32) Benzoic acid	7.86	122	98969	41.35	ng		94
33) 4-Chloroaniline	8.14	127	115861	22.19	ng		96
34) Hexachlorobutadiene	8.21	225	76116	35.63	ng		98
35) Caprolactam	8.52	113	48754m	41.26	ng		
36) 4-Chloro-3-methylphenol	8.64	107	169229	42.22	ng		92
37) 2-Methylnaphthalene	8.78	142	308611	37.73	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	125499	38.01	ng		97
40) Hexachlorocyclopentadiene	8.94	237	171022	94.94	ng		97

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Quant Time: Aug 12 15:03:18 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 08 01:33:05 2015
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	91891	37.98	ng		94
43) 2,4,5-Trichlorophenol	9.10	196	100133	41.07	ng	#	86
45) 1,1'-Biphenyl	9.25	154	373096	40.60	ng		100
46) 2-Chloronaphthalene	9.28	162	272608	38.05	ng		100
47) 2-Nitroaniline	9.37	65	107959	37.58	ng		95
48) Acenaphthylene	9.69	152	471086	37.82	ng		100
49) Dimethylphthalate	9.56	163	313949	35.29	ng	#	98
50) 2,6-Dinitrotoluene	9.62	165	63908	34.78	ng	#	49
51) Acenaphthene	9.86	154	321391	42.13	ng		100
52) 3-Nitroaniline	9.78	138	52702	23.26	ng		100
53) 2,4-Dinitrophenol	9.88	184	77074	69.88	ng	#	71
54) Dibenzofuran	10.03	168	390031	37.81	ng		98
55) 4-Nitrophenol	9.95	139	138042	81.40	ng	#	68
56) 2,4-Dinitrotoluene	10.02	165	104959	42.68	ng	#	72
57) Fluorene	10.37	166	325775	40.82	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.14	232	71786m	37.20	ng		
59) Diethylphthalate	10.26	149	347412	37.52	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	130171	33.48	ng		96
61) 4-Nitroaniline	10.40	138	79082	33.92	ng		93
62) Azobenzene	10.52	77	358050	34.58	ng		98
64) 4,6-Dinitro-2-methylphenol	10.42	198	48204	40.22	ng	#	67
65) n-Nitrosodiphenylamine	10.49	169	279487	41.60	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	86726	42.35	ng		97
67) Hexachlorobenzene	10.91	284	88484	38.86	ng	#	55
68) Atrazine	11.01	200	74911	38.03	ng		97
69) Pentachlorophenol	11.12	266	108984	82.32	ng		96
70) Phenanthrene	11.33	178	414153	37.82	ng		100
71) Anthracene	11.38	178	448138	41.34	ng		99
72) Carbazole	11.54	167	420238	39.82	ng		99
73) Di-n-butylphthalate	11.87	149	535453	40.57	ng		100
74) Fluoranthene	12.51	202	513091	43.35	ng		98
76) Benzidine	12.64	184	354135	52.04	ng		97
77) Pyrene	12.74	202	541136	42.42	ng		99
79) Butylbenzylphthalate	13.36	149	221953	36.09	ng	#	64
80) Benzo(a)anthracene	13.92	228	432994	39.70	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	78678	19.83	ng	#	96
82) Chrysene	13.96	228	408363	39.10	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	319487	37.34	ng	#	95
84) Di-n-octyl phthalate	14.53	149	531632	36.65	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	391827	39.42	ng		98
87) Benzo(b)fluoranthene	14.93	252	462439m	42.01	ng		
88) Benzo(k)fluoranthene	14.96	252	344677m	35.79	ng		
89) Benzo(a)pyrene	15.27	252	380677	40.23	ng	#	95
90) Dibenzo(a,h)anthracene	16.68	278	327298	39.11	ng		99
91) Benzo(g,h,i)perylene	17.07	276	329423	40.47	ng		97

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

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