Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\Data\BF111815\
Data File : BF083007.D
Acq On : 18 Nov 2015 13:40
Operator : UM/IZ
Sample : PB86660BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB86660BS

Manual Integrations APPROVED
Mmdadoda
11/19/2015 6:44:08 PM

Quant Time: Nov 19 01:47:45 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	6.73	152	160321	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	669356	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	289977	20.00	ng		-0.01
63) Phenanthrene-d10	11.25	188	583138	20.00	ng		0.00
75) Chrysene-d12	13.88	240	463834	20.00	ng		-0.01
86) Perylene-d12	15.29	264	432782	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1306139	126.76	ng		0.01
7) Phenol-d6	6.40	99	1830938	133.66	ng		0.00
23) Nitrobenzene-d5	7.30	82	1028432	66.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.57	330	427906	128.70	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	1832945	90.59	ng		0.00
78) Terphenyl-d14	12.84	244	1819661	93.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	201589	45.34	ng		97
3) Pyridine	2.99	79	442955	34.34	ng		94
4) n-Nitrosodimethylamine	2.93	42	250146	39.09	ng	#	73
6) Aniline	6.40	93	263290	13.69	ng	#	1
8) 2-Chlorophenol	6.52	128	487693	42.70	ng		92
9) Benzaldehyde	6.27	77	445364	58.85	ng		90
10) Phenol	6.41	94	614526	39.54	ng	#	74
11) bis(2-Chloroethyl)ether	6.48	93	523559	45.04	ng	#	83
12) 1,3-Dichlorobenzene	6.67	146	496660m	38.55	ng		
13) 1,4-Dichlorobenzene	6.75	146	546697	40.79	ng		93
14) 1,2-Dichlorobenzene	6.90	146	448896	36.83	ng		95
15) Benzyl Alcohol	6.89	79	473914	39.40	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.02	45	824696	48.37	ng		95
17) 2-Methylphenol	7.01	107	449174	46.43	ng		98
18) Hexachloroethane	7.24	117	201798	42.09	ng		95
19) n-Nitroso-di-n-propylamine	7.16	70	428686	42.57	ng	#	83
20) 3+4-Methylphenols	7.16	107	542653	43.14	ng	#	61
22) Acetophenone	7.15	105	729321	38.03	ng	#	96
24) Nitrobenzene	7.32	77	597156	37.96	ng		98
25) Isophorone	7.56	82	1024755	36.00	ng		99
26) 2-Nitrophenol	7.64	139	268715	40.92	ng	#	54
27) 2,4-Dimethylphenol	7.69	122	432387	36.65	ng		96
28) bis(2-Chloroethoxy)methane	7.78	93	614698	38.29	ng		98
29) 2,4-Dichlorophenol	7.88	162	428204	40.16	ng		86
30) 1,2,4-Trichlorobenzene	7.96	180	440627	36.74	ng		98
31) Naphthalene	8.04	128	1372564	37.17	ng		99
32) Benzoic acid	7.82	122	287765	35.62	ng		85
33) 4-Chloroaniline	8.09	127	84785	5.33	ng		91
34) Hexachlorobutadiene	8.17	225	252573	33.66	ng		98
35) Caprolactam	8.48	113	137899m	41.02	ng		
36) 4-Chloro-3-methylphenol	8.59	107	442695	35.30	ng		91
37) 2-Methylnaphthalene	8.74	142	867890m	36.33	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	360671	37.85	ng		99
40) Hexachlorocyclopentadiene	8.90	237	440740	86.09	ng		97

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.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	9.01	196	285886	40.19	ng		99
43) 2,4,5-Trichlorophenol	9.06	196	286511	40.73	ng		94
45) 1,1'-Biphenyl	9.20	154	944889	37.97	ng		94
46) 2-Chloronaphthalene	9.22	162	778387	40.10	ng		97
47) 2-Nitroaniline	9.32	65	307784	42.75	ng	#	55
48) Acenaphthylene	9.63	152	1220932	40.14	ng		98
49) Dimethylphthalate	9.50	163	892259	37.56	ng		100
50) 2,6-Dinitrotoluene	9.56	165	208549	41.14	ng		98
51) Acenaphthene	9.80	154	864241	44.83	ng		99
52) 3-Nitroaniline	9.72	138	40609	7.28	ng		90
53) 2,4-Dinitrophenol	9.84	184	217424	78.12	ng	#	25
54) Dibenzofuran	9.97	168	1119173	43.06	ng		95
55) 4-Nitrophenol	9.92	139	369162	86.31	ng		89
56) 2,4-Dinitrotoluene	9.96	165	277189	40.30	ng		91
57) Fluorene	10.32	166	823261	39.11	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.10	232	227629	39.65	ng		92
59) Diethylphthalate	10.20	149	957089	41.26	ng		97
60) 4-Chlorophenyl-phenylether	10.32	204	446676	42.41	ng		94
61) 4-Nitroaniline	10.34	138	191215	34.11	ng	#	84
62) Azobenzene	10.48	77	1194849	47.95	ng		95
64) 4,6-Dinitro-2-methylphenol	10.37	198	160060	38.53	ng		78
65) n-Nitrosodiphenylamine	10.44	169	787116	37.36	ng		98
66) 4-Bromophenyl-phenylether	10.81	248	269811	38.43	ng		98
67) Hexachlorobenzene	10.86	284	275043	35.08	ng	#	87
68) Atrazine	10.97	200	246967	37.91	ng		98
69) Pentachlorophenol	11.07	266	340351	71.49	ng		98
70) Phenanthrene	11.28	178	1382108	40.81	ng		98
71) Anthracene	11.32	178	1361956	38.18	ng		98
72) Carbazole	11.48	167	1112678	35.63	ng		98
73) Di-n-butylphthalate	11.82	149	1545291	39.72	ng		99
74) Fluoranthene	12.45	202	1398149	38.47	ng		98
76) Benzidine	12.58	184	520690	33.50	ng		98
77) Pyrene	12.68	202	1335632	41.93	ng		98
79) Butylbenzylphthalate	13.32	149	671151	47.69	ng	#	78
80) Benzo(a)anthracene	13.87	228	1264032	43.58	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	159530	15.47	ng		98
82) Chrysene	13.92	228	1184064	44.57	ng		98
83) Bis(2-ethylhexyl)phthalate	13.88	149	854227	44.35	ng	#	97
84) Di-n-octyl phthalate	14.51	149	1532474	47.70	ng		96
85) Indeno(1,2,3-cd)pyrene	16.60	276	958576	41.90	ng		97
87) Benzo(b)fluoranthene	14.90	252	1067319m	38.42	ng		
88) Benzo(k)fluoranthene	14.93	252	1094770m	44.42	ng		
89) Benzo(a)pyrene	15.23	252	996399	41.40	ng	#	98
90) Dibenzo(a,h)anthracene	16.63	278	797033	39.11	ng		99
91) Benzo(g,h,i)perylene	17.00	276	772568	39.58	ng		97

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

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