Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF103015\
Data File : BF082598.D
Acq On : 31 Oct 2015 3:57
Operator : UM/IZ
Sample : PB86301BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB86301BS

Manual Integrations APPROVED
Mmdadoda
11/2/2015 4:32:14 PM

Quant Time: Oct 31 05:43:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF103015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 31 00:17:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	190925	20.00	ng		-0.01
21) Naphthalene-d8	8.19	136	720492	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	383221	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	710281	20.00	ng		0.00
75) Chrysene-d12	14.08	240	582276	20.00	ng		0.00
86) Perylene-d12	15.53	264	420329	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1402181	110.61	ng		0.01
7) Phenol-d6	6.53	99	1954919	116.08	ng		0.00
23) Nitrobenzene-d5	7.47	82	1514815	85.85	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	479623	114.36	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	2222369	82.34	ng		0.00
78) Terphenyl-d14	13.02	244	2074779	77.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	174492	29.78	ng	#	89
3) Pyridine	3.36	79	539093	31.38	ng		93
4) n-Nitrosodimethylamine	3.30	42	318096	32.89	ng		97
6) Aniline	6.57	93	489506	20.88	ng		98
8) 2-Chlorophenol	6.69	128	518351	37.79	ng		95
9) Benzaldehyde	6.44	77	132132	11.49	ng		97
10) Phenol	6.54	94	559081	29.30	ng		90
11) bis(2-Chloroethyl)ether	6.64	93	472374	33.56	ng		98
12) 1,3-Dichlorobenzene	6.84	146	513188	32.81	ng		99
13) 1,4-Dichlorobenzene	6.92	146	566506	36.52	ng		96
14) 1,2-Dichlorobenzene	7.08	146	515035	35.77	ng		97
15) Benzyl Alcohol	7.05	79	593690	37.80	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	820774	36.69	ng		98
17) 2-Methylphenol	7.16	107	463093	39.71	ng		97
18) Hexachloroethane	7.42	117	223170	36.87	ng		94
19) n-Nitroso-di-n-propylamine	7.32	70	408247	31.98	ng		96
20) 3+4-Methylphenols	7.31	107	517730	34.16	ng		93
22) Acetophenone	7.31	105	769561	36.28	ng	#	78
24) Nitrobenzene	7.48	77	592210	33.21	ng	#	85
25) Isophorone	7.73	82	1170795	36.07	ng		99
26) 2-Nitrophenol	7.80	139	230271	35.35	ng		98
27) 2,4-Dimethylphenol	7.85	122	511867	40.25	ng		100
28) bis(2-Chloroethoxy)methane	7.94	93	610569	34.39	ng		97
29) 2,4-Dichlorophenol	8.05	162	441190	38.06	ng		98
30) 1,2,4-Trichlorobenzene	8.13	180	450343	35.01	ng		99
31) Naphthalene	8.21	128	1371287	35.17	ng		100
32) Benzoic acid	7.96	122	328562	35.61	ng		95
33) 4-Chloroaniline	8.26	127	213579	12.83	ng	#	91
34) Hexachlorobutadiene	8.34	225	298365	36.47	ng		99
35) Caprolactam	8.62	113	136532	38.39	ng		97
36) 4-Chloro-3-methylphenol	8.74	107	518225	37.96	ng		98
37) 2-Methylnaphthalene	8.91	142	1037077	41.05	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	472473	36.95	ng		98
40) Hexachlorocyclopentadiene	9.07	237	656694	81.69	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	348561	37.75	ng		97
43) 2,4,5-Trichlorophenol	9.23	196	325782	35.41	ng	#	81
45) 1,1'-Biphenyl	9.38	154	1154671	35.67	ng		98
46) 2-Chloronaphthalene	9.40	162	934606	36.98	ng		97
47) 2-Nitroaniline	9.48	65	328749	33.46	ng		98
48) Acenaphthylene	9.81	152	1501836	37.15	ng		100
49) Dimethylphthalate	9.68	163	1158463	37.01	ng		99
50) 2,6-Dinitrotoluene	9.73	165	270195	41.65	ng	#	84
51) Acenaphthene	9.98	154	1058272	41.23	ng		99
52) 3-Nitroaniline	9.89	138	136231	18.88	ng		90
53) 2,4-Dinitrophenol	10.00	184	249948	72.97	ng	#	56
54) Dibenzofuran	10.16	168	1256154	36.07	ng		100
55) 4-Nitrophenol	10.05	139	373918	68.86	ng	#	67
56) 2,4-Dinitrotoluene	10.13	165	343609	39.17	ng		93
57) Fluorene	10.50	166	1022430	36.40	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.27	232	285775	36.75	ng		98
59) Diethylphthalate	10.38	149	1223708	38.41	ng		99
60) 4-Chlorophenyl-phenylether	10.50	204	510640	37.40	ng		94
61) 4-Nitroaniline	10.51	138	224312	32.57	ng		98
62) Azobenzene	10.65	77	1391208	38.72	ng		83
64) 4,6-Dinitro-2-methylphenol	10.54	198	186739	43.59	ng		89
65) n-Nitrosodiphenylamine	10.61	169	944200	38.67	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	295085	36.66	ng	#	63
67) Hexachlorobenzene	11.05	284	320327	35.89	ng		91
68) Atrazine	11.14	200	297130	37.19	ng		98
69) Pentachlorophenol	11.24	266	479155	81.42	ng		99
70) Phenanthrene	11.46	178	1490945	37.22	ng		99
71) Anthracene	11.52	178	1629643	40.40	ng		98
72) Carbazole	11.66	167	1486505	42.31	ng		99
73) Di-n-butylphthalate	12.01	149	1900952	42.50	ng		99
74) Fluoranthene	12.65	202	1612227	39.37	ng		98
76) Benzidine	12.76	184	507849	19.34	ng		99
77) Pyrene	12.88	202	1610941	37.36	ng		100
79) Butylbenzylphthalate	13.51	149	783837	41.51	ng		89
80) Benzo(a)anthracene	14.07	228	1370964	37.07	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	247253	19.40	ng	#	96
82) Chrysene	14.10	228	1063922	31.74	ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	945617	38.63	ng	#	96
84) Di-n-octyl phthalate	14.68	149	1434849	37.57	ng		99
85) Indeno(1,2,3-cd)pyrene	16.96	276	1012350	36.59	ng		99
87) Benzo(b)fluoranthene	15.11	252	986329	34.03	ng		99
88) Benzo(k)fluoranthene	15.14	252	1024569m	46.40	ng		
89) Benzo(a)pyrene	15.46	252	921973	40.39	ng		99
90) Dibenzo(a,h)anthracene	16.98	278	867793	40.74	ng	#	97
91) Benzo(g,h,i)perylene	17.38	276	856031	41.47	ng		100

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

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