Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081015\
Data File : BF080952.D
Acq On : 10 Aug 2015 15:31
Operator : TP/UM
Sample : PB84904BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84904BS

Quant Time: Aug 11 01:30:10 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	13367	20.00	ng		-0.02
21) Naphthalene-d8	8.06	136	51163	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	26365	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	58471	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	48996	20.00	ng		-0.03
86) Perylene-d12	15.32	264	38663	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	28266	34.55	ng		-0.01
7) Phenol-d6	6.41	99	42431	37.85	ng		-0.03
23) Nitrobenzene-d5	7.34	82	27352	25.29	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	9347	32.27	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	43733	23.35	ng		-0.02
78) Terphenyl-d14	12.88	244	56883	23.98	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	7123	18.36	ng		93
3) Pyridine	3.10	79	15888	14.44	ng	#	93
4) n-Nitrosodimethylamine	2.99	42	12174	21.67	ng	#	92
6) Aniline	6.44	93	32968	20.02	ng		97
8) 2-Chlorophenol	6.57	128	18027	19.04	ng		93
9) Benzaldehyde	6.33	77	18025	23.85	ng		93
10) Phenol	6.42	94	25094	18.87	ng		91
11) bis(2-Chloroethyl)ether	6.52	93	18663	18.79	ng		87
12) 1,3-Dichlorobenzene	6.73	146	17894	17.81	ng		98
13) 1,4-Dichlorobenzene	6.81	146	19139	18.33	ng		99
14) 1,2-Dichlorobenzene	6.96	146	19155	20.30	ng		96
15) Benzyl Alcohol	6.92	79	17373	18.94	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	41727	20.88	ng		99
17) 2-Methylphenol	7.04	107	15072	18.65	ng	#	89
18) Hexachloroethane	7.30	117	9297	23.24	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	19684	24.02	ng		97
20) 3+4-Methylphenols	7.20	107	24034	23.68	ng		95
22) Acetophenone	7.20	105	34258	27.33	ng	#	87
24) Nitrobenzene	7.37	77	25178	22.61	ng	#	82
25) Isophorone	7.61	82	48175	23.16	ng		96
26) 2-Nitrophenol	7.69	139	10472	22.35	ng		93
27) 2,4-Dimethylphenol	7.72	122	17629	20.09	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	28559	22.87	ng		98
29) 2,4-Dichlorophenol	7.93	162	15654	21.71	ng		95
30) 1,2,4-Trichlorobenzene	8.01	180	15839	20.10	ng	#	88
31) Naphthalene	8.09	128	57061	20.23	ng		99
32) Benzoic acid	7.78	122	4292	8.17	ng		90
33) 4-Chloroaniline	8.14	127	25843	22.55	ng	#	93
34) Hexachlorobutadiene	8.21	225	10659	22.73	ng		96
35) Caprolactam	8.48	113	5399	20.82	ng	#	81
36) 4-Chloro-3-methylphenol	8.62	107	17525	19.92	ng		87
37) 2-Methylnaphthalene	8.78	142	36880	20.54	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	15638	19.24	ng	#	96
40) Hexachlorocyclopentadiene	8.94	237	19618	44.23	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	11043	18.54	ng		97
43) 2,4,5-Trichlorophenol	9.09	196	10805	18.00	ng	#	76
45) 1,1'-Biphenyl	9.24	154	53594	23.69	ng		97
46) 2-Chloronaphthalene	9.26	162	40831	23.15	ng		94
47) 2-Nitroaniline	9.37	65	14398	20.35	ng	#	77
48) Acenaphthylene	9.68	152	61052	19.91	ng		98
49) Dimethylphthalate	9.55	163	45805	20.91	ng	#	98
50) 2,6-Dinitrotoluene	9.61	165	10474	23.15	ng	#	63
51) Acenaphthene	9.85	154	42127	22.43	ng		98
52) 3-Nitroaniline	9.77	138	11409	20.45	ng		93
53) 2,4-Dinitrophenol	9.88	184	8190	33.65	ng	#	79
54) Dibenzofuran	10.03	168	51186	20.15	ng		94
55) 4-Nitrophenol	9.93	139	16733	40.08	ng	#	60
56) 2,4-Dinitrotoluene	10.01	165	12437	20.54	ng	#	65
57) Fluorene	10.36	166	40937	20.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	10238	21.55	ng	#	98
59) Diethylphthalate	10.25	149	54327	23.83	ng		95
60) 4-Chlorophenyl-phenylether	10.36	204	20602	21.52	ng		94
61) 4-Nitroaniline	10.37	138	10655	18.56	ng		97
62) Azobenzene	10.52	77	59254	23.24	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	6170	17.03	ng		95
65) n-Nitrosodiphenylamine	10.48	169	36884	18.16	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	13516	21.82	ng	#	89
67) Hexachlorobenzene	10.91	284	15022	21.82	ng	#	74
68) Atrazine	11.00	200	13256	22.26	ng		97
69) Pentachlorophenol	11.10	266	15435	38.55	ng		93
70) Phenanthrene	11.32	178	67634	20.43	ng		99
71) Anthracene	11.37	178	64376	19.64	ng		98
72) Carbazole	11.53	167	62600	19.62	ng		98
73) Di-n-butylphthalate	11.87	149	95396	23.91	ng		98
74) Fluoranthene	12.50	202	67409	18.83	ng		96
76) Benzidine	12.64	184	81568	37.29	ng		97
77) Pyrene	12.73	202	70923	19.59	ng		99
79) Butylbenzylphthalate	13.36	149	35962	20.61	ng	#	69
80) Benzo(a)anthracene	13.92	228	68508	22.14	ng		99
81) 3,3'-Dichlorobenzidine	13.88	252	25106	22.30	ng		98
82) Chrysene	13.95	228	67718	22.85	ng		97
83) Bis(2-ethylhexyl)phthalate	13.92	149	50696	20.88	ng	#	94
84) Di-n-octyl phthalate	14.53	149	81041	19.69	ng		96
85) Indeno(1,2,3-cd)pyrene	16.65	276	50241	17.82	ng		97
87) Benzo(b)fluoranthene	14.92	252	56668m	21.08	ng		
88) Benzo(k)fluoranthene	14.95	252	56360m	23.96	ng		
89) Benzo(a)pyrene	15.25	252	46598	20.17	ng	#	93
90) Dibenzo(a,h)anthracene	16.67	278	42505	20.80	ng		100
91) Benzo(g,h,i)perylene	17.05	276	41154	20.70	ng	#	93

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

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