Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081015\
Data File : BF080953.D
Acq On : 10 Aug 2015 16:01
Operator : TP/UM
Sample : PB84907BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB84907BS

Quant Time: Aug 11 01:47:29 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	20611	20.00	ng		-0.02
21) Naphthalene-d8	8.06	136	74372	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	35857	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	86275	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	69868	20.00	ng		-0.03
86) Perylene-d12	15.31	264	58324	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	35252	27.94	ng		-0.01
7) Phenol-d6	6.41	99	47013	27.20	ng		-0.03
23) Nitrobenzene-d5	7.34	82	29198	18.57	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	13137	33.35	ng		-0.03
44) 2-Fluorobiphenyl	9.15	172	58042	22.79	ng		-0.02
78) Terphenyl-d14	12.88	244	62998	18.62	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	8581	14.34	ng		95
3) Pyridine	3.10	79	19970	11.77	ng		97
4) n-Nitrosodimethylamine	2.99	42	12767	14.74	ng		94
6) Aniline	6.44	93	38311	15.08	ng		95
8) 2-Chlorophenol	6.57	128	22137	15.17	ng		94
9) Benzaldehyde	6.33	77	19902	17.08	ng		93
10) Phenol	6.42	94	29757	14.51	ng		89
11) bis(2-Chloroethyl)ether	6.52	93	20267	13.23	ng		86
12) 1,3-Dichlorobenzene	6.73	146	23684	15.29	ng		98
13) 1,4-Dichlorobenzene	6.80	146	23516m	14.61	ng		
14) 1,2-Dichlorobenzene	6.96	146	26095	17.93	ng		95
15) Benzyl Alcohol	6.92	79	21977	15.54	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.07	45	49953	16.21	ng		98
17) 2-Methylphenol	7.04	107	18315	14.70	ng	#	91
18) Hexachloroethane	7.30	117	10230	16.59	ng		93
19) n-Nitroso-di-n-propylamine	7.20	70	19123	15.14	ng		91
20) 3+4-Methylphenols	7.20	107	24606	15.72	ng		94
22) Acetophenone	7.20	105	35207	19.32	ng	#	88
24) Nitrobenzene	7.37	77	25572	15.80	ng	#	84
25) Isophorone	7.61	82	52573	17.39	ng		97
26) 2-Nitrophenol	7.69	139	11900	17.47	ng		88
27) 2,4-Dimethylphenol	7.72	122	19530	15.31	ng		93
28) bis(2-Chloroethoxy)methane	7.82	93	33006	18.18	ng		97
29) 2,4-Dichlorophenol	7.93	162	17325	16.53	ng		92
30) 1,2,4-Trichlorobenzene	8.01	180	19416	16.95	ng	#	93
31) Naphthalene	8.09	128	68264	16.65	ng		100
32) Benzoic acid	7.78	122	3620	4.74	ng	#	88
33) 4-Chloroaniline	8.14	127	29060	17.44	ng	#	91
34) Hexachlorobutadiene	8.21	225	12811	18.80	ng		99
35) Caprolactam	8.48	113	6283	16.67	ng	#	90
36) 4-Chloro-3-methylphenol	8.62	107	20774	16.25	ng	#	81
37) 2-Methylnaphthalene	8.78	142	47195	18.09	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	20618	18.65	ng	#	97
40) Hexachlorocyclopentadiene	8.94	237	25139	41.68	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	15837	19.55	ng		99
43) 2,4,5-Trichlorophenol	9.09	196	16114	19.74	ng	#	76
45) 1,1'-Biphenyl	9.24	154	60415	19.63	ng		97
46) 2-Chloronaphthalene	9.26	162	45771	19.08	ng	#	92
47) 2-Nitroaniline	9.36	65	16518	17.17	ng	#	79
48) Acenaphthylene	9.68	152	74136	17.77	ng		99
49) Dimethylphthalate	9.54	163	53698	18.03	ng		100
50) 2,6-Dinitrotoluene	9.61	165	10773	17.51	ng	#	62
51) Acenaphthene	9.85	154	46497	18.20	ng		99
52) 3-Nitroaniline	9.77	138	12958	17.08	ng		97
53) 2,4-Dinitrophenol	9.87	184	9310	29.13	ng	#	47
54) Dibenzofuran	10.02	168	66959	19.38	ng		95
55) 4-Nitrophenol	9.93	139	19054	33.55	ng	#	56
56) 2,4-Dinitrotoluene	10.01	165	14548	17.67	ng	#	60
57) Fluorene	10.36	166	56476	21.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	12119	18.76	ng	#	96
59) Diethylphthalate	10.25	149	54314	17.52	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	29053	22.31	ng		88
61) 4-Nitroaniline	10.37	138	14813	18.98	ng		97
62) Azobenzene	10.52	77	70510	20.34	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	8696	16.26	ng		96
65) n-Nitrosodiphenylamine	10.48	169	52280	17.44	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	13798	15.10	ng	#	83
67) Hexachlorobenzene	10.91	284	16090	15.84	ng	#	78
68) Atrazine	11.00	200	12922	14.70	ng		91
69) Pentachlorophenol	11.10	266	15534	26.30	ng		97
70) Phenanthrene	11.32	178	78916	16.15	ng		99
71) Anthracene	11.37	178	70786	14.64	ng		98
72) Carbazole	11.53	167	82208	17.46	ng		98
73) Di-n-butylphthalate	11.87	149	93798	15.93	ng		98
74) Fluoranthene	12.50	202	84576	16.01	ng		97
76) Benzidine	12.63	184	95270	27.93	ng		97
77) Pyrene	12.73	202	81705	15.83	ng		97
79) Butylbenzylphthalate	13.36	149	41948	16.86	ng	#	80
80) Benzo(a)anthracene	13.92	228	75288	17.06	ng		98
81) 3,3'-Dichlorobenzidine	13.88	252	28613	17.82	ng		98
82) Chrysene	13.95	228	72874	17.24	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	55453	16.02	ng	#	97
84) Di-n-octyl phthalate	14.52	149	81965	13.96	ng		97
85) Indeno(1,2,3-cd)pyrene	16.65	276	55371	13.77	ng		98
87) Benzo(b)fluoranthene	14.92	252	58409	14.40	ng	#	97
88) Benzo(k)fluoranthene	14.95	252	61286m	17.27	ng		
89) Benzo(a)pyrene	15.25	252	59830	17.16	ng	#	93
90) Dibenzo(a,h)anthracene	16.67	278	48566	15.75	ng		98
91) Benzo(g,h,i)perylene	17.05	276	45763	15.26	ng		99

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

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