Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050115\
Data File : BF078898.D
Acq On : 1 May 2015 17:51
Operator : TP/IZ
Sample : PB83016BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB83016BSD

Quant Time: May 01 23:41:09 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 01 22:48:21 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.36	152	73126	20.00	ng		0.00
21) Naphthalene-d8	8.94	136	302398	20.00	ng		0.00
38) Acenaphthene-d10	11.11	164	142474	20.00	ng		-0.01
63) Phenanthrene-d10	12.96	188	277636	20.00	ng		0.00
75) Chrysene-d12	16.26	240	285744	20.00	ng		-0.02
86) Perylene-d12	18.01	264	285129	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	570910	134.39	ng		0.00
7) Phenol-d6	6.90	99	727482	129.55	ng		0.00
23) Nitrobenzene-d5	8.04	82	398408	75.72	ng		0.00
41) 2,4,6-Tribromophenol	12.09	330	221299	143.58	ng		0.00
44) 2-Fluorobiphenyl	10.28	172	890083	87.04	ng		0.00
78) Terphenyl-d14	14.96	244	1031102	86.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	67518	36.55	ng	#	24
3) Pyridine	3.11	79	193943	35.88	ng		98
4) n-Nitrosodimethylamine	3.03	42	100807m	43.53	ng		
6) Aniline	6.95	93	201620	25.44	ng		98
8) 2-Chlorophenol	7.08	128	206758	42.91	ng		99
9) Benzaldehyde	6.81	77	57497	15.20	ng		97
10) Phenol	6.92	94	282574	43.38	ng		95
11) bis(2-Chloroethyl)ether	7.04	93	189663	39.72	ng		96
12) 1,3-Dichlorobenzene	7.28	146	215670	39.82	ng		98
13) 1,4-Dichlorobenzene	7.38	146	224012	40.19	ng		99
14) 1,2-Dichlorobenzene	7.56	146	216806	41.79	ng		98
15) Benzyl Alcohol	7.53	79	172807	41.46	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.71	45	299509	40.99	ng		99
17) 2-Methylphenol	7.68	107	168236	43.39	ng		96
18) Hexachloroethane	7.99	117	77953	40.61	ng		95
19) n-Nitroso-di-n-propylamine	7.87	70	156151	41.17	ng	#	83
20) 3+4-Methylphenols	7.86	107	222337	43.03	ng		94
22) Acetophenone	7.86	105	299703	43.87	ng	#	97
24) Nitrobenzene	8.07	77	212548	40.75	ng		99
25) Isophorone	8.36	82	390119	39.99	ng		98
26) 2-Nitrophenol	8.47	139	92422	42.81	ng		96
27) 2,4-Dimethylphenol	8.52	122	188569	43.65	ng		94
28) bis(2-Chloroethoxy)methane	8.65	93	257145	42.76	ng		98
29) 2,4-Dichlorophenol	8.75	162	171623	44.68	ng		96
30) 1,2,4-Trichlorobenzene	8.87	180	174093	41.26	ng		98
31) Naphthalene	8.96	128	594670	41.27	ng		99
32) Benzoic acid	8.62	122	111526	42.11	ng		97
33) 4-Chloroaniline	9.03	127	139392	22.86	ng		99
34) Hexachlorobutadiene	9.12	225	95951	39.49	ng		97
35) Caprolactam	9.45	113	54162	43.61	ng		87
36) 4-Chloro-3-methylphenol	9.63	107	193815	48.04	ng		91
37) 2-Methylnaphthalene	9.82	142	419976	42.06	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.02	216	163886	40.84	ng	#	100
40) Hexachlorocyclopentadiene	10.01	237	196868	97.57	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.17	196	124753	45.22	ng		96
43) 2,4,5-Trichlorophenol	10.22	196	125073	44.85	ng	#	87
45) 1,1'-Biphenyl	10.40	154	494493	43.66	ng		100
46) 2-Chloronaphthalene	10.42	162	377193	42.69	ng		99
47) 2-Nitroaniline	10.55	65	111645	43.61	ng		99
48) Acenaphthylene	10.94	152	632819	43.62	ng		100
49) Dimethylphthalate	10.79	163	462171	44.20	ng		99
50) 2,6-Dinitrotoluene	10.86	165	89552	43.40	ng		97
51) Acenaphthene	11.15	154	373308	43.15	ng		98
52) 3-Nitroaniline	11.06	138	82804	32.12	ng	#	99
53) 2,4-Dinitrophenol	11.19	184	74268	82.73	ng	#	74
54) Dibenzofuran	11.37	168	565401	45.25	ng		97
55) 4-Nitrophenol	11.27	139	196185	96.16	ng		95
56) 2,4-Dinitrotoluene	11.36	165	132937	48.73	ng	#	63
57) Fluorene	11.79	166	460514	44.90	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.52	232	105846	46.44	ng	#	100
59) Diethylphthalate	11.67	149	469704	45.34	ng		99
60) 4-Chlorophenyl-phenylether	11.80	204	200124	43.99	ng		96
61) 4-Nitroaniline	11.82	138	112209	43.51	ng		94
62) Azobenzene	12.00	77	483110	47.33	ng		97
64) 4,6-Dinitro-2-methylphenol	11.85	198	51097	45.21	ng		85
65) n-Nitrosodiphenylamine	11.94	169	385628	41.71	ng		98
66) 4-Bromophenyl-phenylether	12.41	248	129919	44.89	ng		96
67) Hexachlorobenzene	12.47	284	143059	43.25	ng		94
68) Atrazine	12.62	200	120603	44.86	ng		100
69) Pentachlorophenol	12.72	266	164535	84.59	ng		97
70) Phenanthrene	12.98	178	662600	42.66	ng		100
71) Anthracene	13.05	178	657021	43.12	ng		99
72) Carbazole	13.26	167	667849	45.98	ng		99
73) Di-n-butylphthalate	13.70	149	770926	44.26	ng		99
74) Fluoranthene	14.47	202	712680	44.03	ng		96
76) Benzidine	14.64	184	255199	33.14	ng		99
77) Pyrene	14.75	202	744050	45.19	ng		99
79) Butylbenzylphthalate	15.58	149	339595	47.18	ng	#	82
80) Benzo(a)anthracene	16.24	228	684317	43.73	ng		99
81) 3,3'-Dichlorobenzidine	16.22	252	187108	33.57	ng	#	97
82) Chrysene	16.29	228	649964	43.19	ng		100
83) Bis(2-ethylhexyl)phthalate	16.30	149	505903	46.40	ng		98
84) Di-n-octyl phthalate	17.10	149	865841	45.09	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.51	276	824913	43.02	ng	#	100
87) Benzo(b)fluoranthene	17.55	252	814073	52.16	ng		99
88) Benzo(k)fluoranthene	17.59	252	570037m	37.73	ng		
89) Benzo(a)pyrene	17.94	252	676510	47.08	ng		98
90) Dibenzo(a,h)anthracene	19.54	278	676031	44.26	ng		99
91) Benzo(g,h,i)perylene	19.95	276	678609	44.33	ng		96

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

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