Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
Data File : BF093487.D
Acq On : 9 Mar 2017 20:44
Operator : SJ/MA
Sample : PB97460BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97460BS

Quant Time: Mar 10 00:07:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 07 15:55:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	189886	20.00	ng		-0.01
21) Naphthalene-d8	8.04	136	756699	20.00	ng		-0.02
38) Acenaphthene-d10	9.78	164	360864	20.00	ng		-0.02
63) Phenanthrene-d10	11.27	188	667458	20.00	ng		-0.01
75) Chrysene-d12	13.91	240	536263	20.00	ng		-0.01
86) Perylene-d12	15.32	264	434371	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1337572	117.24	ng		0.00
7) Phenol-d6	6.41	99	1708927	118.78	ng		0.00
23) Nitrobenzene-d5	7.33	82	1087590	79.75	ng		-0.01
41) 2,4,6-Tribromophenol	10.58	330	308194	131.09	ng		-0.01
44) 2-Fluorobiphenyl	9.11	172	1623484	83.68	ng		-0.02
78) Terphenyl-d14	12.86	244	1690569	81.96	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	204645	32.56	ng		88
3) Pyridine	3.01	79	548468	34.23	ng		88
4) n-Nitrosodimethylamine	2.96	42	318221	41.58	ng		82
6) Aniline	6.42	93	420956	21.32	ng	#	55
8) 2-Chlorophenol	6.54	128	511528	40.02	ng		91
9) Benzaldehyde	6.31	77	86978	7.09	ng		94
10) Phenol	6.42	94	750386	42.56	ng		85
11) bis(2-Chloroethyl)ether	6.49	93	528824	37.11	ng		91
12) 1,3-Dichlorobenzene	6.69	146	540058m	36.91	ng		
13) 1,4-Dichlorobenzene	6.77	146	571896	38.18	ng		98
14) 1,2-Dichlorobenzene	6.93	146	488739	36.84	ng		95
15) Benzyl Alcohol	6.92	79	432667	42.19	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.04	45	878553	37.12	ng		78
17) 2-Methylphenol	7.03	107	426777	39.47	ng	#	93
18) Hexachloroethane	7.26	117	194379	38.47	ng		99
19) n-Nitroso-di-n-propylamine	7.18	70	412128	41.67	ng		96
20) 3+4-Methylphenols	7.19	107	611708	43.62	ng	#	74
22) Acetophenone	7.18	105	743360	40.82	ng	#	93
24) Nitrobenzene	7.35	77	617126	40.26	ng		90
25) Isophorone	7.59	82	1078607	39.22	ng		99
26) 2-Nitrophenol	7.66	139	287927	41.17	ng	#	87
27) 2,4-Dimethylphenol	7.72	122	476597	41.89	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	707392	40.74	ng		98
29) 2,4-Dichlorophenol	7.91	162	468131	43.74	ng		84
30) 1,2,4-Trichlorobenzene	7.98	180	429953	37.78	ng	#	95
31) Naphthalene	8.06	128	1404450	37.04	ng		99
32) Benzoic acid	7.88	122	315455	53.36	ng		98
33) 4-Chloroaniline	8.13	127	234225	15.22	ng		100
34) Hexachlorobutadiene	8.17	225	233421	39.82	ng		99
35) Caprolactam	8.50	113	164528m	45.01	ng		
36) 4-Chloro-3-methylphenol	8.62	107	483461	42.32	ng		93
37) 2-Methylnaphthalene	8.74	142	954151	39.55	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	411529	41.76	ng		98
40) Hexachlorocyclopentadiene	8.89	237	173880	71.45	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	291716	47.38	ng		93
43) 2,4,5-Trichlorophenol	9.09	196	298612	45.20	ng		94
45) 1,1'-Biphenyl	9.21	154	1158656	44.08	ng		98
46) 2-Chloronaphthalene	9.24	162	883335	43.90	ng		95
47) 2-Nitroaniline	9.35	65	365650	51.40	ng		98
48) Acenaphthylene	9.65	152	1339498	40.36	ng		99
49) Dimethylphthalate	9.52	163	1109995	46.40	ng		99
50) 2,6-Dinitrotoluene	9.59	165	243656	46.41	ng	#	71
51) Acenaphthene	9.82	154	792958	40.41	ng		97
52) 3-Nitroaniline	9.76	138	137858	21.86	ng		100
53) 2,4-Dinitrophenol	9.89	184	222800	93.20	ng	#	79
54) Dibenzofuran	9.99	168	1208480	49.20	ng		99
55) 4-Nitrophenol	9.96	139	299590	97.80	ng		85
56) 2,4-Dinitrotoluene	10.00	165	299513	46.44	ng	#	88
57) Fluorene	10.33	166	939555	45.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.13	232	242460	52.01	ng		94
59) Diethylphthalate	10.22	149	1100546	48.13	ng		97
60) 4-Chlorophenyl-phenylether	10.33	204	426831	45.75	ng	#	73
61) 4-Nitroaniline	10.38	138	253979	39.38	ng		95
62) Azobenzene	10.49	77	1350507	51.98	ng		92
64) 4,6-Dinitro-2-methylphenol	10.41	198	172793	39.96	ng	#	19
65) n-Nitrosodiphenylamine	10.45	169	873502	39.19	ng		100
66) 4-Bromophenyl-phenylether	10.81	248	249751	35.39	ng		94
67) Hexachlorobenzene	10.88	284	250655	37.19	ng	#	67
68) Atrazine	10.98	200	277772	42.58	ng		98
69) Pentachlorophenol	11.09	266	209930	90.22	ng		97
70) Phenanthrene	11.29	178	1414148	37.12	ng		99
71) Anthracene	11.35	178	1506937	39.10	ng		99
72) Carbazole	11.51	167	1306100	36.08	ng		100
73) Di-n-butylphthalate	11.83	149	1540210	36.77	ng		98
74) Fluoranthene	12.48	202	1374033	37.34	ng		98
76) Benzidine	12.61	184	459977	26.08	ng		97
77) Pyrene	12.71	202	1409941	36.15	ng		100
79) Butylbenzylphthalate	13.33	149	766907	46.71	ng		92
80) Benzo(a)anthracene	13.90	228	1267618	40.03	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	315807	28.47	ng	#	97
82) Chrysene	13.95	228	1263566	43.13	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	1037491	45.34	ng	#	95
84) Di-n-octyl phthalate	14.49	149	1607575	42.15	ng		96
85) Indeno(1,2,3-cd)pyrene	16.69	276	917503	37.41	ng	#	93
87) Benzo(b)fluoranthene	14.93	252	1179328m	44.58	ng		
88) Benzo(k)fluoranthene	14.95	252	935811m	36.68	ng		
89) Benzo(a)pyrene	15.26	252	998516	41.30	ng	#	95
90) Dibenzo(a,h)anthracene	16.69	278	770560	38.52	ng		97
91) Benzo(g,h,i)perylene	17.09	276	801572	39.04	ng	#	90

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

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