Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087904.D
Acq On : 11 Jun 2016 16:08
Operator : UM/SJ
Sample : PB91125BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91125BS

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Quant Time: Jun 12 05:16:05 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	98923	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	404410	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	217716	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	396535	20.00	ng		-0.03
75) Chrysene-d12	13.97	240	264706	20.00	ng		-0.02
86) Perylene-d12	15.38	264	221036	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	756682	130.77	ng		-0.02
7) Phenol-d6	6.44	99	889877	126.89	ng		-0.03
23) Nitrobenzene-d5	7.37	82	533391	77.02	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	211798	92.13	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1114943	80.13	ng		-0.03
78) Terphenyl-d14	12.91	244	890938	76.59	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	73650	26.19	ng	#	20
3) Pyridine	3.12	79	203112	30.59	ng		94
4) n-Nitrosodimethylamine	3.06	42	97167	34.56	ng		86
6) Aniline	6.47	93	314967	31.55	ng		98
8) 2-Chlorophenol	6.59	128	292645	42.73	ng	#	80
9) Benzaldehyde	6.34	77	12069	2.52	ng		90
10) Phenol	6.46	94	373479	51.97	ng		79
11) bis(2-Chloroethyl)ether	6.55	93	268205	43.62	ng	#	83
12) 1,3-Dichlorobenzene	6.74	146	282484	38.44	ng		98
13) 1,4-Dichlorobenzene	6.82	146	299077	40.40	ng		98
14) 1,2-Dichlorobenzene	6.97	146	256613m	38.12	ng		
15) Benzyl Alcohol	6.95	79	215987	39.37	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.08	45	339162	40.82	ng		95
17) 2-Methylphenol	7.06	107	244682	44.05	ng		98
18) Hexachloroethane	7.31	117	100395	38.22	ng	#	84
19) n-Nitroso-di-n-propylamine	7.22	70	185203	41.28	ng		94
20) 3+4-Methylphenols	7.22	107	277517	42.82	ng		89
22) Acetophenone	7.22	105	365596	40.45	ng	#	91
24) Nitrobenzene	7.39	77	321696	47.95	ng		98
25) Isophorone	7.63	82	538792	42.00	ng		100
26) 2-Nitrophenol	7.71	139	166107	46.22	ng	#	72
27) 2,4-Dimethylphenol	7.75	122	284465	42.99	ng		95
28) bis(2-Chloroethoxy)methane	7.85	93	369834	46.48	ng		98
29) 2,4-Dichlorophenol	7.95	162	266267	48.20	ng		96
30) 1,2,4-Trichlorobenzene	8.03	180	235240	39.11	ng		100
31) Naphthalene	8.11	128	796861	39.82	ng		99
32) Benzoic acid	7.87	122	183267	50.30	ng		96
33) 4-Chloroaniline	8.17	127	266624	29.84	ng	#	90
34) Hexachlorobutadiene	8.24	225	131367	41.41	ng		99
35) Caprolactam	8.54	113	86185m	47.10	ng		
36) 4-Chloro-3-methylphenol	8.65	107	254515	43.08	ng		97
37) 2-Methylnaphthalene	8.81	142	587992	44.58	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	222353	36.97	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	235100	66.94	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	176236	40.48	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	172686	38.12	ng	#	92
45) 1,1'-Biphenyl	9.27	154	676086	40.79	ng		99
46) 2-Chloronaphthalene	9.29	162	537015	38.12	ng		99
47) 2-Nitroaniline	9.39	65	179054	43.08	ng	#	80
48) Acenaphthylene	9.71	152	917185	40.93	ng		100
49) Dimethylphthalate	9.58	163	604771	38.35	ng		99
50) 2,6-Dinitrotoluene	9.63	165	138967	38.48	ng	#	61
51) Acenaphthene	9.88	154	615636	44.04	ng		99
52) 3-Nitroaniline	9.80	138	136192	32.68	ng		82
53) 2,4-Dinitrophenol	9.91	184	146658	75.26	ng		97
54) Dibenzofuran	10.06	168	781803	40.61	ng		93
55) 4-Nitrophenol	9.98	139	291150	90.01	ng	#	76
56) 2,4-Dinitrotoluene	10.04	165	215111	46.34	ng		96
57) Fluorene	10.40	166	618711	47.86	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	142924	40.15	ng	#	52
59) Diethylphthalate	10.27	149	627037	39.28	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	227739	35.57	ng		95
61) 4-Nitroaniline	10.42	138	180503	45.66	ng		95
62) Azobenzene	10.55	77	617139	39.09	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	95025	38.82	ng		96
65) n-Nitrosodiphenylamine	10.51	169	574498	43.66	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	168362	39.58	ng	#	92
67) Hexachlorobenzene	10.95	284	183591	41.54	ng	#	75
68) Atrazine	11.04	200	141753	35.58	ng		93
69) Pentachlorophenol	11.14	266	210359	90.28	ng		98
70) Phenanthrene	11.36	178	926819	44.54	ng		99
71) Anthracene	11.40	178	791919	37.73	ng		100
72) Carbazole	11.56	167	913932	46.53	ng		99
73) Di-n-butylphthalate	11.90	149	897277	36.09	ng		100
74) Fluoranthene	12.54	202	831164	37.85	ng		97
76) Benzidine	12.66	184	361674	49.35	ng		98
77) Pyrene	12.76	202	798332	40.64	ng		100
79) Butylbenzylphthalate	13.39	149	382716	44.07	ng		91
80) Benzo(a)anthracene	13.95	228	641390	42.52	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	153207	37.77	ng	#	97
82) Chrysene	13.99	228	605641	42.68	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	442143	41.82	ng		100
84) Di-n-octyl phthalate	14.57	149	837666	48.76	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	528266	40.07	ng	#	100
87) Benzo(b)fluoranthene	14.98	252	656832m	42.63	ng		
88) Benzo(k)fluoranthene	15.01	252	458408m	39.44	ng		
89) Benzo(a)pyrene	15.33	252	501338	40.22	ng	#	95
90) Dibenzo(a,h)anthracene	16.77	278	429494	37.10	ng		97
91) Benzo(g,h,i)perylene	17.17	276	487002	40.90	ng		99

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

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