Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090162.D
Acq On : 21 Sep 2016 15:58
Operator : UM/SJ
Sample : PB93510BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB93510BSD

Quant Time: Sep 22 06:03:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	169044	20.00	ng		-0.02
21) Naphthalene-d8	7.79	136	664129	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	366792	20.00	ng		-0.01
63) Phenanthrene-d10	11.00	188	497338	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	300630	20.00	ng		-0.01
86) Perylene-d12	14.94	264	317836	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	1268868	122.35	ng		0.01
7) Phenol-d6	6.17	99	1601825	125.07	ng		0.00
23) Nitrobenzene-d5	7.08	82	1049318	91.59	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	369430	117.40	ng		-0.01
44) 2-Fluorobiphenyl	8.88	172	1546411	82.77	ng		-0.01
78) Terphenyl-d14	12.59	244	1286375	108.64	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.99	88	197805	35.15	ng		99
3) Pyridine	2.57	79	556514	45.61	ng		97
4) n-Nitrosodimethylamine	2.54	42	172422	47.35	ng		93
6) Aniline	6.17	93	452292	28.33	ng	#	92
8) 2-Chlorophenol	6.30	128	524912	43.99	ng		85
9) Benzaldehyde	6.04	77	49549	8.88	ng		97
10) Phenol	6.18	94	627186	41.42	ng	#	74
11) bis(2-Chloroethyl)ether	6.26	93	532728	45.12	ng		91
12) 1,3-Dichlorobenzene	6.44	146	519889	41.70	ng		99
13) 1,4-Dichlorobenzene	6.52	146	554111	43.53	ng		100
14) 1,2-Dichlorobenzene	6.67	146	454131m	40.05	ng		
15) Benzyl Alcohol	6.67	79	386097	50.55	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.81	45	613829	43.51	ng		95
17) 2-Methylphenol	6.80	107	448974	47.77	ng		96
18) Hexachloroethane	7.02	117	195876	43.15	ng		97
19) n-Nitroso-di-n-propylamine	6.95	70	354467	47.11	ng		100
20) 3+4-Methylphenols	6.95	107	537981	47.67	ng		95
22) Acetophenone	6.94	105	683885	42.70	ng		99
24) Nitrobenzene	7.10	77	508936	42.63	ng		99
25) Isophorone	7.35	82	1055068	44.08	ng		100
26) 2-Nitrophenol	7.42	139	270858	46.08	ng		99
27) 2,4-Dimethylphenol	7.47	122	467931	44.81	ng		99
28) bis(2-Chloroethoxy)methane	7.56	93	633057	43.72	ng		100
29) 2,4-Dichlorophenol	7.67	162	439749	48.01	ng		95
30) 1,2,4-Trichlorobenzene	7.75	180	430023	47.00	ng		94
31) Naphthalene	7.82	128	1406513	44.48	ng		100
32) Benzoic acid	7.63	122	278712	38.88	ng		93
33) 4-Chloroaniline	7.87	127	251998	19.21	ng		99
34) Hexachlorobutadiene	7.94	225	207444	42.98	ng		100
35) Caprolactam	8.26	113	150992m	49.80	ng		
36) 4-Chloro-3-methylphenol	8.38	107	469826	45.38	ng		98
37) 2-Methylnaphthalene	8.51	142	965218	49.08	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	289404	34.37	ng		99
40) Hexachlorocyclopentadiene	8.66	237	347814	83.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	291122	48.52	ng		99
43) 2,4,5-Trichlorophenol	8.84	196	279636	45.01	ng		96
45) 1,1'-Biphenyl	8.98	154	1001577	38.17	ng		94
46) 2-Chloronaphthalene	8.99	162	805585	41.61	ng		98
47) 2-Nitroaniline	9.10	65	267249	45.79	ng		84
48) Acenaphthylene	9.40	152	1335722	42.49	ng		99
49) Dimethylphthalate	9.29	163	962043	41.18	ng		99
50) 2,6-Dinitrotoluene	9.35	165	255158	49.00	ng	#	79
51) Acenaphthene	9.58	154	803305	43.05	ng		100
52) 3-Nitroaniline	9.51	138	179122	29.34	ng		97
53) 2,4-Dinitrophenol	9.62	184	248581	85.14	ng	#	90
54) Dibenzofuran	9.75	168	1080163	43.98	ng		94
55) 4-Nitrophenol	9.69	139	316636	75.71	ng		85
56) 2,4-Dinitrotoluene	9.75	165	286415	46.52	ng		91
57) Fluorene	10.09	166	894958	48.35	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.87	232	235818	50.70	ng		98
59) Diethylphthalate	9.99	149	980169	43.44	ng		98
60) 4-Chlorophenyl-phenylether	10.09	204	349113	41.36	ng	#	82
61) 4-Nitroaniline	10.12	138	270055	43.40	ng		91
62) Azobenzene	10.24	77	1140905	48.58	ng		98
64) 4,6-Dinitro-2-methylphenol	10.15	198	143352	46.02	ng	#	61
65) n-Nitrosodiphenylamine	10.20	169	833184	50.95	ng		99
66) 4-Bromophenyl-phenylether	10.57	248	237396	48.51	ng	#	91
67) Hexachlorobenzene	10.63	284	258317	45.29	ng		95
68) Atrazine	10.74	200	193361	43.15	ng		97
69) Pentachlorophenol	10.82	266	263523	81.40	ng		98
70) Phenanthrene	11.04	178	1164013	50.05	ng		99
71) Anthracene	11.08	178	1132112	46.41	ng		100
72) Carbazole	11.24	167	1159070	44.94	ng		99
73) Di-n-butylphthalate	11.60	149	1455837	48.55	ng	#	98
74) Fluoranthene	12.20	202	1030498	41.28	ng		99
76) Benzidine	12.34	184	258110	25.65	ng		97
77) Pyrene	12.43	202	1140381	55.43	ng		98
79) Butylbenzylphthalate	13.07	149	547842	54.44	ng		91
80) Benzo(a)anthracene	13.61	228	789408	48.81	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	213742	32.04	ng	#	97
82) Chrysene	13.65	228	693995	44.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.63	149	642816	49.92	ng	#	98
84) Di-n-octyl phthalate	14.24	149	1084531	48.89	ng		97
85) Indeno(1,2,3-cd)pyrene	16.10	276	881019	69.16	ng		98
87) Benzo(b)fluoranthene	14.59	252	682567m	38.78	ng		
88) Benzo(k)fluoranthene	14.63	252	769481m	46.59	ng		
89) Benzo(a)pyrene	14.89	252	767458	46.36	ng	#	96
90) Dibenzo(a,h)anthracene	16.13	278	737019	57.05	ng		96
91) Benzo(g,h,i)perylene	16.45	276	774382	61.24	ng		98

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

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