Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123114\
Data File : BF076709.D
Acq On : 31 Dec 2014 18:53
Operator : IZ / TP
Sample : PB81132BS
Misc : W
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB81132BS

Quant Time: Jan 01 01:05:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 31 23:59:08 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	39571	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	156516	20.00	ng		-0.01
38) Acenaphthene-d10	10.45	164	88544	20.00	ng		0.00
63) Phenanthrene-d10	12.25	188	152024	20.00	ng		-0.01
75) Chrysene-d12	15.49	240	147261	20.00	ng		-0.01
86) Perylene-d12	17.17	264	136057	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	4.90	112	296466	127.01	ng		0.00
7) Phenol-d6	6.32	99	369708	129.69	ng		0.00
23) Nitrobenzene-d5	7.43	82	227845	86.58	ng		0.00
41) 2,4,6-Tribromophenol	11.42	330	102695	137.23	ng		0.00
44) 2-Fluorobiphenyl	9.65	172	462963	81.37	ng		-0.01
78) Terphenyl-d14	14.24	244	527476	79.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.41	88	28531	28.60	ng	#	100
3) Pyridine	1.92	79	88369	35.18	ng	#	71
4) n-Nitrosodimethylamine	1.88	42	44274	36.44	ng		98
6) Aniline	6.30	93	80244	19.71	ng	#	82
8) 2-Chlorophenol	6.45	128	106790	39.95	ng		96
10) Phenol	6.33	94	124813	36.07	ng		89
11) bis(2-Chloroethyl)ether	6.42	93	106424	42.73	ng		99
12) 1,3-Dichlorobenzene	6.63	146	114778	36.99	ng	#	93
13) 1,4-Dichlorobenzene	6.74	146	119067	37.88	ng		97
14) 1,2-Dichlorobenzene	6.93	146	116255	39.00	ng		98
15) Benzyl Alcohol	6.93	79	96752	39.19	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	143042	39.65	ng		98
17) 2-Methylphenol	7.10	107	87784	39.96	ng		96
18) Hexachloroethane	7.34	117	46119	41.06	ng		93
19) n-Nitroso-di-n-propylamine	7.27	70	79670	38.27	ng		100
20) 3+4-Methylphenols	7.29	107	116558	39.30	ng		96
22) Acetophenone	7.25	105	172010	45.85	ng	#	97
24) Nitrobenzene	7.45	77	131383	48.15	ng		95
25) Isophorone	7.76	82	230752	45.49	ng		96
26) 2-Nitrophenol	7.84	139	56691	42.54	ng	#	67
27) 2,4-Dimethylphenol	7.94	122	95827	44.43	ng		93
28) bis(2-Chloroethoxy)methane	8.06	93	140531	47.20	ng		98
29) 2,4-Dichlorophenol	8.15	162	95874	45.22	ng		94
30) 1,2,4-Trichlorobenzene	8.24	180	97378	42.61	ng	#	96
31) Naphthalene	8.33	128	328069	42.31	ng		97
32) Benzoic acid	8.08	122	57279	44.52	ng		87
33) 4-Chloroaniline	8.42	127	72678	22.96	ng		98
34) Hexachlorobutadiene	8.49	225	58570	44.08	ng		94
35) Caprolactam	8.85	113	27432	44.88	ng	#	88
36) 4-Chloro-3-methylphenol	9.05	107	102587	43.48	ng		93
37) 2-Methylnaphthalene	9.18	142	221623	40.97	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	9.38	216	93640	42.99	ng	#	77
40) Hexachlorocyclopentadiene	9.37	237	96691	76.96	ng		92
42) 2,4,6-Trichlorophenol	9.54	196	64831	41.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.59	196	65185	38.34	ng	#	87
45) 1,1'-Biphenyl	9.76	154	289517	44.01	ng		98
46) 2-Chloronaphthalene	9.77	162	227258	43.56	ng		98
47) 2-Nitroaniline	9.92	65	73914	46.57	ng	#	77
48) Acenaphthylene	10.28	152	381082	42.95	ng		100
49) Dimethylphthalate	10.17	163	291650	46.56	ng		99
50) 2,6-Dinitrotoluene	10.23	165	57593	44.88	ng	#	46
51) Acenaphthene	10.49	154	210148	41.86	ng		97
52) 3-Nitroaniline	10.42	138	43297	29.71	ng		93
53) 2,4-Dinitrophenol	10.56	184	53689	74.72	ng	#	79
54) Dibenzofuran	10.70	168	306875	42.26	ng		97
55) 4-Nitrophenol	10.68	139	101638	90.97	ng	#	63
56) 2,4-Dinitrotoluene	10.72	165	86555	50.61	ng	#	83
57) Fluorene	11.12	166	278401	45.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.86	232	57830	45.74	ng	#	100
59) Diethylphthalate	11.04	149	301148	47.07	ng		97
60) 4-Chlorophenyl-phenylether	11.14	204	125649	47.60	ng		91
61) 4-Nitroaniline	11.17	138	59457	38.82	ng		91
62) Azobenzene	11.34	77	289341	45.90	ng		97
64) 4,6-Dinitro-2-methylphenol	11.21	198	39990	42.05	ng		84
65) n-Nitrosodiphenylamine	11.29	169	229524	42.98	ng		95
66) 4-Bromophenyl-phenylether	11.74	248	70253	47.44	ng	#	84
67) Hexachlorobenzene	11.78	284	77583	44.89	ng		93
68) Atrazine	11.98	200	80095	50.19	ng		98
69) Pentachlorophenol	12.04	266	81961	96.87	ng		97
70) Phenanthrene	12.29	178	406401	44.31	ng		99
71) Anthracene	12.34	178	404805	44.98	ng		100
72) Carbazole	12.56	167	365634	41.89	ng		97
73) Di-n-butylphthalate	13.04	149	516327	48.16	ng		100
74) Fluoranthene	13.74	202	421555	45.01	ng		97
76) Benzidine	13.93	184	172083	28.04	ng		98
77) Pyrene	14.01	202	439599	42.67	ng		99
79) Butylbenzylphthalate	14.87	149	247078	50.17	ng	#	73
80) Benzo(a)anthracene	15.49	228	415585	45.32	ng		99
81) 3,3'-Dichlorobenzidine	15.48	252	87112	28.42	ng	#	96
82) Chrysene	15.52	228	372305	44.37	ng		99
83) Bis(2-ethylhexyl)phthalate	15.60	149	351325	47.15	ng	#	96
84) Di-n-octyl phthalate	16.38	149	613652	48.23	ng		99
85) Indeno(1,2,3-cd)pyrene	18.32	276	432694	46.99	ng		98
87) Benzo(b)fluoranthene	16.75	252	396199	44.14	ng		99
88) Benzo(k)fluoranthene	16.77	252	352680m	42.19	ng		
89) Benzo(a)pyrene	17.10	252	363336	45.36	ng	#	97
90) Dibenzo(a,h)anthracene	18.35	278	354837	44.70	ng		98
91) Benzo(g,h,i)perylene	18.63	276	352265	45.61	ng		97

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

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