Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122017\
Data File : BF101587.D
Acq On : 21 Dec 2017 4:19
Operator : SJ/JU
Sample : PB105190BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB105190BS

Quant Time: Dec 21 05:20:44 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	140717	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	549554	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	219092	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	342529	20.00	ng		0.00
75) Chrysene-d12	13.97	240	275081	20.00	ng		0.00
86) Perylene-d12	15.44	264	309258	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	928964	98.34	ng		0.01
7) Phenol-d6	6.45	99	1063225	90.43	ng		0.00
23) Nitrobenzene-d5	7.37	82	965104	97.76	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	182232	86.32	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	1441565	102.07	ng		0.00
78) Terphenyl-d14	12.90	244	1032979	90.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	202768	41.773	ng		95
3) Pyridine	3.35	79	537622	39.864	ng		98
4) n-Nitrosodimethylamine	3.33	42	281222	45.288	ng		97
6) Aniline	6.47	93	378405	23.161	ng	#	86
8) 2-Chlorophenol	6.59	128	438133	44.089	ng		96
9) Benzaldehyde	6.35	77	243603	28.056	ng		96
10) Phenol	6.46	94	562384	41.969	ng		90
11) bis(2-Chloroethyl)ether	6.53	93	449943	42.807	ng		93
12) 1,3-Dichlorobenzene	6.73	146	481727	42.952	ng		98
13) 1,4-Dichlorobenzene	6.81	146	489892	42.774	ng		99
14) 1,2-Dichlorobenzene	6.97	146	430748	41.783	ng		97
15) Benzyl Alcohol	6.95	79	315520	38.990	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	729235	45.332	ng		63
17) 2-Methylphenol	7.06	107	357447	39.104	ng	#	90
18) Hexachloroethane	7.30	117	162054	40.697	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	304994	39.502	ng		95
20) 3+4-Methylphenols	7.22	107	444296	45.867	ng	#	61
22) Acetophenone	7.21	105	593494	47.330	ng	#	91
24) Nitrobenzene	7.39	77	489564	44.806	ng		95
25) Isophorone	7.62	82	906265	45.760	ng		97
26) 2-Nitrophenol	7.70	139	223548	47.623	ng		97
27) 2,4-Dimethylphenol	7.74	122	380814	47.753	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	557638	44.326	ng		98
29) 2,4-Dichlorophenol	7.95	162	353119	44.820	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	362732	43.627	ng		97
31) Naphthalene	8.10	128	1160047	41.930	ng		100
32) Benzoic acid	7.90	122	203523	39.555	ng		96
33) 4-Chloroaniline	8.16	127	127233	10.581	ng		99
34) Hexachlorobutadiene	8.21	225	208379	43.333	ng		97
35) Caprolactam	8.54	113	118461	43.302	ng	#	84
36) 4-Chloro-3-methylphenol	8.65	107	363231	41.946	ng		98
37) 2-Methylnaphthalene	8.79	142	744933	41.327	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	353727	47.820	ng		97
40) Hexachlorocyclopentadiene	8.93	237	14664	23.591	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	218177	48.993	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	222831	45.699	ng		98
45) 1,1'-Biphenyl	9.26	154	895661	46.096	ng		99
46) 2-Chloronaphthalene	9.29	162	669968	45.064	ng		96
47) 2-Nitroaniline	9.39	65	242176	47.154	ng		90
48) Acenaphthylene	9.70	152	954154	40.633	ng		99
49) Dimethylphthalate	9.56	163	769588	43.670	ng		99
50) 2,6-Dinitrotoluene	9.63	165	161245	45.019	ng		93
51) Acenaphthene	9.87	154	574996	40.756	ng		99
52) 3-Nitroaniline	9.80	138	113738	25.470	ng		95
53) 2,4-Dinitrophenol	9.93	184	41294	39.152	ng	#	20
54) Dibenzofuran	10.04	168	800518	44.649	ng		96
55) 4-Nitrophenol	9.99	139	162619	83.515	ng		89
56) 2,4-Dinitrotoluene	10.05	165	184831	45.802	ng	#	79
57) Fluorene	10.39	166	634835	41.856	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	160940	45.940	ng		89
59) Diethylphthalate	10.25	149	748907	42.913	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	319759	43.990	ng		89
61) 4-Nitroaniline	10.42	138	143716	32.018	ng		98
62) Azobenzene	10.53	77	742097	41.049	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	40436	23.133	ng		92
65) n-Nitrosodiphenylamine	10.49	169	600295	47.463	ng		95
66) 4-Bromophenyl-phenylether	10.86	248	192565	50.033	ng	#	88
67) Hexachlorobenzene	10.94	284	182679	44.847	ng	#	88
68) Atrazine	11.02	200	188167	49.895	ng		98
69) Pentachlorophenol	11.14	266	147031	91.769	ng		98
70) Phenanthrene	11.35	178	820236	43.060	ng		99
71) Anthracene	11.40	178	845540	43.456	ng		100
72) Carbazole	11.56	167	749992	41.169	ng		99
73) Di-n-butylphthalate	11.87	149	1023354	46.283	ng		100
74) Fluoranthene	12.54	202	805572	40.290	ng		99
76) Benzidine	12.66	184	411557	35.424	ng		99
77) Pyrene	12.77	202	834245	40.410	ng		99
79) Butylbenzylphthalate	13.37	149	388642	41.605	ng		99
80) Benzo(a)anthracene	13.96	228	798691	43.971	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	265801	44.878	ng	#	98
82) Chrysene	14.00	228	758712	44.239	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	496574	41.969	ng		98
84) Di-n-octyl phthalate	14.54	149	956095	45.311	ng		97
85) Indeno(1,2,3-cd)pyrene	16.92	276	741741	48.568	ng		96
87) Benzo(b)fluoranthene	15.02	252	832780	44.179	ng		98
88) Benzo(k)fluoranthene	15.04	252	767024	41.851	ng	#	96
89) Benzo(a)pyrene	15.38	252	777095	44.720	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	643872	43.156	ng		96
91) Benzo(g,h,i)perylene	17.36	276	618076	41.837	ng		95

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

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