Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033017\
Data File : BF094064.D
Acq On : 30 Mar 2017 18:09
Operator : SJ/MA
Sample : PB97830BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB97830BS

Quant Time: Mar 31 03:32:14 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	187618	20.00	ng		-0.04
21) Naphthalene-d8	7.42	136	766386	20.00	ng		-0.04
38) Acenaphthene-d10	9.56	164	352441	20.00	ng		-0.04
63) Phenanthrene-d10	11.39	188	602212	20.00	ng		-0.04
75) Chrysene-d12	14.64	240	435836	20.00	ng		-0.04
86) Perylene-d12	16.27	264	318057	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	4.46	112	1375543	123.83	ng		-0.01
7) Phenol-d6	5.53	99	1726705	125.65	ng		-0.02
23) Nitrobenzene-d5	6.57	82	1101142	82.00	ng		-0.04
41) 2,4,6-Tribromophenol	10.55	330	404377	145.20	ng		-0.03
44) 2-Fluorobiphenyl	8.75	172	2086368	90.29	ng		-0.04
78) Terphenyl-d14	13.37	244	1697466	87.30	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	166042	31.11	ng		98
3) Pyridine	2.80	79	496076	34.11	ng		99
4) n-Nitrosodimethylamine	2.76	42	240661	40.21	ng		92
6) Aniline	5.55	93	463463	24.25	ng	#	1
8) 2-Chlorophenol	5.69	128	545538	44.68	ng		95
9) Benzaldehyde	5.40	77	92101	9.93	ng		98
10) Phenol	5.55	94	642784	41.11	ng		91
11) bis(2-Chloroethyl)ether	5.62	93	525205	42.98	ng		98
12) 1,3-Dichlorobenzene	5.85	146	576887	42.12	ng		99
13) 1,4-Dichlorobenzene	5.93	146	584859	42.16	ng		97
14) 1,2-Dichlorobenzene	6.11	146	540504	42.31	ng		97
15) Benzyl Alcohol	6.09	79	440294	43.78	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.25	45	702232	37.29	ng		92
17) 2-Methylphenol	6.23	107	454932	43.51	ng		94
18) Hexachloroethane	6.50	117	207298	42.52	ng	#	87
19) n-Nitroso-di-n-propylamine	6.40	70	385086	43.60	ng		97
20) 3+4-Methylphenols	6.42	107	599818	47.36	ng	#	62
22) Acetophenone	6.39	105	776888	45.48	ng	#	86
24) Nitrobenzene	6.59	77	562140	42.44	ng		95
25) Isophorone	6.88	82	1035470	43.88	ng		95
26) 2-Nitrophenol	6.96	139	316918	50.18	ng		96
27) 2,4-Dimethylphenol	7.03	122	514327	47.26	ng		98
28) bis(2-Chloroethoxy)methane	7.14	93	674582	43.35	ng		99
29) 2,4-Dichlorophenol	7.26	162	493531	48.50	ng		99
30) 1,2,4-Trichlorobenzene	7.35	180	472995	45.13	ng		99
31) Naphthalene	7.45	128	1558002	42.28	ng		99
32) Benzoic acid	7.21	122	352552	48.66	ng		98
33) 4-Chloroaniline	7.51	127	287043	19.22	ng		94
34) Hexachlorobutadiene	7.60	225	238060	44.29	ng		98
35) Caprolactam	7.97	113	155404m	47.89	ng		
36) 4-Chloro-3-methylphenol	8.14	107	525633	49.44	ng		89
37) 2-Methylnaphthalene	8.29	142	1121539	45.66	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.50	216	416660	43.22	ng		99
40) Hexachlorocyclopentadiene	8.49	237	429902	95.29	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.65	196	339649	49.79	ng		99
43) 2,4,5-Trichlorophenol	8.70	196	339754	46.03	ng	#	92
45) 1,1'-Biphenyl	8.86	154	1253280	44.09	ng		97
46) 2-Chloronaphthalene	8.89	162	987019	44.35	ng		96
47) 2-Nitroaniline	9.02	65	297636	45.09	ng	#	84
48) Acenaphthylene	9.39	152	1571622	42.50	ng		100
49) Dimethylphthalate	9.26	163	1202057	47.98	ng		99
50) 2,6-Dinitrotoluene	9.32	165	271475	47.27	ng		93
51) Acenaphthene	9.60	154	934383	43.30	ng		99
52) 3-Nitroaniline	9.52	138	157539	23.36	ng		91
53) 2,4-Dinitrophenol	9.66	184	289814	93.47	ng	#	73
54) Dibenzofuran	9.82	168	1345622	45.81	ng		99
55) 4-Nitrophenol	9.77	139	425477	80.56	ng	#	66
56) 2,4-Dinitrotoluene	9.82	165	327221	45.36	ng	#	69
57) Fluorene	10.24	166	1010326	41.47	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	253690	50.09	ng		97
59) Diethylphthalate	10.13	149	1170136	47.26	ng		98
60) 4-Chlorophenyl-phenylether	10.25	204	449114	43.27	ng		94
61) 4-Nitroaniline	10.29	138	284081	43.90	ng		95
62) Azobenzene	10.44	77	1104812	47.17	ng		97
64) 4,6-Dinitro-2-methylphenol	10.32	198	185382	50.27	ng	#	73
65) n-Nitrosodiphenylamine	10.40	169	969216	46.54	ng		97
66) 4-Bromophenyl-phenylether	10.85	248	285659	48.23	ng		98
67) Hexachlorobenzene	10.92	284	288556	48.13	ng	#	85
68) Atrazine	11.07	200	287904	46.15	ng		96
69) Pentachlorophenol	11.17	266	288469	77.30	ng		99
70) Phenanthrene	11.42	178	1496073	44.66	ng		99
71) Anthracene	11.49	178	1566024	45.40	ng		99
72) Carbazole	11.69	167	1422733	40.22	ng		99
73) Di-n-butylphthalate	12.13	149	1777547	48.33	ng		99
74) Fluoranthene	12.88	202	1512568	44.09	ng		99
76) Benzidine	13.05	184	509512	29.54	ng	#	92
77) Pyrene	13.16	202	1508683	47.70	ng		100
79) Butylbenzylphthalate	13.97	149	726212	53.89	ng	#	86
80) Benzo(a)anthracene	14.63	228	1176942	46.31	ng		99
81) 3,3'-Dichlorobenzidine	14.60	252	239451	26.36	ng	#	96
82) Chrysene	14.67	228	1011033	42.87	ng		99
83) Bis(2-ethylhexyl)phthalate	14.69	149	965678	52.52	ng	#	98
84) Di-n-octyl phthalate	15.44	149	1536615	50.03	ng		98
85) Indeno(1,2,3-cd)pyrene	17.63	276	886535	43.40	ng		100
87) Benzo(b)fluoranthene	15.86	252	983507	50.45	ng		98
88) Benzo(k)fluoranthene	15.90	252	826539m	43.33	ng		
89) Benzo(a)pyrene	16.22	252	841458	46.87	ng		99
90) Dibenzo(a,h)anthracene	17.65	278	734922	48.34	ng		98
91) Benzo(g,h,i)perylene	18.04	276	750278	48.96	ng		97

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

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