Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094000.D
Acq On : 28 Mar 2017 18:45
Operator : SJ/MA
Sample : PB97859BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 29 03:48:53 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

Instrument :
BNA_F
ClientSampleId :
PB97859BS

Manual Integrations APPROVED
mohammad
3/29/2017 1:56:49 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	166473	20.00	ng		-0.02
21) Naphthalene-d8	7.43	136	671324	20.00	ng		-0.02
38) Acenaphthene-d10	9.57	164	315657	20.00	ng		-0.02
63) Phenanthrene-d10	11.40	188	537127	20.00	ng		-0.02
75) Chrysene-d12	14.65	240	365585	20.00	ng		-0.03
86) Perylene-d12	16.28	264	284234	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.47	112	1205978	122.36	ng		0.00
7) Phenol-d6	5.55	99	1523224	124.93	ng		0.00
23) Nitrobenzene-d5	6.59	82	957633	81.41	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	342742	137.41	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	1799977	86.98	ng		-0.02
78) Terphenyl-d14	13.38	244	1427451	87.52	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	154314	32.59	ng		95
3) Pyridine	2.83	79	431253	33.42	ng		97
4) n-Nitrosodimethylamine	2.79	42	211084	39.75	ng		89
6) Aniline	5.56	93	427898	25.23	ng	#	1
8) 2-Chlorophenol	5.70	128	477610	44.09	ng		96
9) Benzaldehyde	5.42	77	100305	12.18	ng		98
10) Phenol	5.56	94	563940	40.64	ng		94
11) bis(2-Chloroethyl)ether	5.64	93	458086	42.25	ng		96
12) 1,3-Dichlorobenzene	5.86	146	505538	41.60	ng		99
13) 1,4-Dichlorobenzene	5.95	146	509760	41.42	ng		97
14) 1,2-Dichlorobenzene	6.13	146	472215	41.66	ng		95
15) Benzyl Alcohol	6.10	79	391462	43.86	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	626620	37.50	ng		97
17) 2-Methylphenol	6.24	107	400812	43.20	ng		97
18) Hexachloroethane	6.52	117	180409	41.70	ng		89
19) n-Nitroso-di-n-propylamine	6.42	70	330305	42.15	ng		97
20) 3+4-Methylphenols	6.42	107	506238	45.05	ng	#	64
22) Acetophenone	6.40	105	668190	44.66	ng	#	88
24) Nitrobenzene	6.60	77	492367	42.44	ng		95
25) Isophorone	6.89	82	907835	43.92	ng		96
26) 2-Nitrophenol	6.98	139	273289	49.39	ng		99
27) 2,4-Dimethylphenol	7.05	122	445814	46.76	ng		98
28) bis(2-Chloroethoxy)methane	7.15	93	586320	43.01	ng		99
29) 2,4-Dichlorophenol	7.27	162	427751	47.99	ng		98
30) 1,2,4-Trichlorobenzene	7.37	180	406255	44.25	ng		99
31) Naphthalene	7.46	128	1361848	42.19	ng		99
32) Benzoic acid	7.22	122	312868	49.30	ng		98
33) 4-Chloroaniline	7.53	127	218653	16.71	ng		95
34) Hexachlorobutadiene	7.62	225	207392	44.05	ng		99
35) Caprolactam	7.99	113	139199m	48.97	ng		
36) 4-Chloro-3-methylphenol	8.15	107	447556	48.05	ng		91
37) 2-Methylnaphthalene	8.30	142	975086	45.31	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	354589	41.06	ng		99
40) Hexachlorocyclopentadiene	8.50	237	371882	92.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	291289	47.68	ng		99
43) 2,4,5-Trichlorophenol	8.71	196	295237	44.66	ng		95
45) 1,1'-Biphenyl	8.88	154	1093503	42.95	ng		98
46) 2-Chloronaphthalene	8.90	162	861838	43.24	ng	#	93
47) 2-Nitroaniline	9.03	65	258710	43.76	ng	#	83
48) Acenaphthylene	9.40	152	1364385	41.19	ng		99
49) Dimethylphthalate	9.27	163	1038157	46.27	ng		100
50) 2,6-Dinitrotoluene	9.33	165	234811	45.65	ng		91
51) Acenaphthene	9.62	154	808213	41.82	ng		99
52) 3-Nitroaniline	9.53	138	146991	24.34	ng		90
53) 2,4-Dinitrophenol	9.67	184	236837	85.69	ng	#	70
54) Dibenzofuran	9.83	168	1171725	44.53	ng		98
55) 4-Nitrophenol	9.78	139	368255	77.85	ng	#	73
56) 2,4-Dinitrotoluene	9.83	165	285568	44.20	ng	#	70
57) Fluorene	10.25	166	880609	40.36	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.99	232	220036	48.51	ng		97
59) Diethylphthalate	10.14	149	1018385	45.92	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	387920	41.73	ng		95
61) 4-Nitroaniline	10.29	138	241848	41.73	ng		95
62) Azobenzene	10.46	77	969229	46.20	ng		94
64) 4,6-Dinitro-2-methylphenol	10.33	198	153010	46.51	ng	#	66
65) n-Nitrosodiphenylamine	10.41	169	851334	45.83	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	244688	46.32	ng		98
67) Hexachlorobenzene	10.93	284	248506	46.47	ng	#	84
68) Atrazine	11.08	200	245486	44.12	ng		96
69) Pentachlorophenol	11.18	266	260929	78.39	ng		97
70) Phenanthrene	11.43	178	1290740	43.20	ng		99
71) Anthracene	11.50	178	1329447	43.21	ng		100
72) Carbazole	11.70	167	1220589	38.69	ng		99
73) Di-n-butylphthalate	12.15	149	1551091	47.28	ng		100
74) Fluoranthene	12.89	202	1273353	41.62	ng		99
76) Benzidine	13.06	184	312933	21.63	ng	#	92
77) Pyrene	13.17	202	1280462	48.26	ng		99
79) Butylbenzylphthalate	13.99	149	620689	54.91	ng	#	85
80) Benzo(a)anthracene	14.64	228	953199	44.71	ng		99
81) 3,3'-Dichlorobenzidine	14.61	252	193119	25.34	ng	#	97
82) Chrysene	14.69	228	832101	42.06	ng		100
83) Bis(2-ethylhexyl)phthalate	14.70	149	856541	55.54	ng		100
84) Di-n-octyl phthalate	15.46	149	1379724	53.55	ng		97
85) Indeno(1,2,3-cd)pyrene	17.64	276	783710	45.74	ng		100
87) Benzo(b)fluoranthene	15.87	252	775067	44.49	ng		99
88) Benzo(k)fluoranthene	15.90	252	741005	43.47	ng	#	96
89) Benzo(a)pyrene	16.22	252	729401	45.46	ng		99
90) Dibenzo(a,h)anthracene	17.67	278	653423	48.09	ng		98
91) Benzo(g,h,i)perylene	18.05	276	636518	46.48	ng		97

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

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