Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040517\
Data File : BF094190.D
Acq On : 5 Apr 2017 15:39
Operator : SJ/MA
Sample : PB98041BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98041BS

Manual Integrations APPROVED
mohammad
4/6/2017 3:38:28 PM

Quant Time: Apr 06 06:38:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 31 14:38:29 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.86	152	176876	20.00	ng		-0.04
21) Naphthalene-d8	7.37	136	712877	20.00	ng		-0.04
38) Acenaphthene-d10	9.51	164	330512	20.00	ng		-0.04
63) Phenanthrene-d10	11.33	188	577820	20.00	ng		-0.04
75) Chrysene-d12	14.59	240	450817	20.00	ng		-0.04
86) Perylene-d12	16.20	264	322119	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	4.41	112	1324263	126.46	ng		-0.02
7) Phenol-d6	5.48	99	1666578	128.64	ng		-0.03
23) Nitrobenzene-d5	6.52	82	1041876	83.41	ng		-0.04
41) 2,4,6-Tribromophenol	10.49	330	367800	140.82	ng		-0.04
44) 2-Fluorobiphenyl	8.69	172	1891844	87.31	ng		-0.04
78) Terphenyl-d14	13.31	244	1609081	80.00	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	175410	34.87	ng		97
3) Pyridine	2.75	79	519220	37.87	ng		99
4) n-Nitrosodimethylamine	2.71	42	244929	43.41	ng		93
6) Aniline	5.49	93	394944	21.92	ng	#	1
8) 2-Chlorophenol	5.63	128	531135	46.14	ng		97
9) Benzaldehyde	5.36	77	286146	32.71	ng		97
10) Phenol	5.49	94	626432	42.49	ng		88
11) bis(2-Chloroethyl)ether	5.57	93	491614	42.67	ng		99
12) 1,3-Dichlorobenzene	5.80	146	566888	43.91	ng		99
13) 1,4-Dichlorobenzene	5.89	146	569604	43.56	ng		97
14) 1,2-Dichlorobenzene	6.06	146	527555	43.81	ng		95
15) Benzyl Alcohol	6.04	79	422567	44.56	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.20	45	691290	38.94	ng		96
17) 2-Methylphenol	6.18	107	438706	44.50	ng		97
18) Hexachloroethane	6.45	117	202048	43.96	ng	#	81
19) n-Nitroso-di-n-propylamine	6.35	70	360510	43.30	ng		99
20) 3+4-Methylphenols	6.36	107	570037	47.74	ng	#	63
22) Acetophenone	6.34	105	744390	46.85	ng	#	87
24) Nitrobenzene	6.54	77	541633	43.96	ng		95
25) Isophorone	6.83	82	975329	44.43	ng		96
26) 2-Nitrophenol	6.92	139	303386	51.64	ng		99
27) 2,4-Dimethylphenol	6.99	122	482458	47.66	ng		99
28) bis(2-Chloroethoxy)methane	7.09	93	636589	43.98	ng		99
29) 2,4-Dichlorophenol	7.21	162	460163	48.62	ng		97
30) 1,2,4-Trichlorobenzene	7.30	180	436682	44.79	ng		98
31) Naphthalene	7.40	128	1490319	43.48	ng		100
33) 4-Chloroaniline	7.46	127	221107	15.92	ng	#	93
34) Hexachlorobutadiene	7.55	225	224521	44.91	ng		99
35) Caprolactam	7.92	113	142258m	47.13	ng		
36) 4-Chloro-3-methylphenol	8.09	107	493536	49.90	ng		89
37) 2-Methylnaphthalene	8.24	142	1032784	45.20	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.45	216	380334	42.06	ng		99
40) Hexachlorocyclopentadiene	8.43	237	386571	91.37	ng		98
42) 2,4,6-Trichlorophenol	8.59	196	310289	48.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.65	196	316184	45.68	ng		94
45) 1,1'-Biphenyl	8.82	154	1153720	43.28	ng		99
46) 2-Chloronaphthalene	8.83	162	923244	44.24	ng		94
47) 2-Nitroaniline	8.96	65	294950	47.65	ng	#	84
48) Acenaphthylene	9.34	152	1467278	42.31	ng		100
49) Dimethylphthalate	9.20	163	1113708	47.40	ng		99
50) 2,6-Dinitrotoluene	9.27	165	253371	47.05	ng	#	90
51) Acenaphthene	9.55	154	867965	42.89	ng		98
52) 3-Nitroaniline	9.46	138	150612	23.82	ng		94
53) 2,4-Dinitrophenol	9.60	184	63142	25.29	ng	#	70
54) Dibenzofuran	9.77	168	1261210	45.78	ng		99
55) 4-Nitrophenol	9.72	139	410881	82.96	ng	#	64
56) 2,4-Dinitrotoluene	9.76	165	308929	45.66	ng	#	65
57) Fluorene	10.19	166	958115	41.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.92	232	222371	46.82	ng		99
59) Diethylphthalate	10.07	149	1081607	46.58	ng		99
60) 4-Chlorophenyl-phenylether	10.19	204	414550	42.59	ng		93
61) 4-Nitroaniline	10.23	138	291240	47.99	ng		95
62) Azobenzene	10.39	77	1051741	47.88	ng		97
64) 4,6-Dinitro-2-methylphenol	10.26	198	83664	23.64	ng		79
65) n-Nitrosodiphenylamine	10.35	169	918978	45.99	ng		98
66) 4-Bromophenyl-phenylether	10.79	248	262399	46.17	ng		98
67) Hexachlorobenzene	10.86	284	270836	47.08	ng	#	89
68) Atrazine	11.02	200	272110	45.46	ng		97
69) Pentachlorophenol	11.11	266	195404	54.57	ng		99
70) Phenanthrene	11.36	178	1432670	44.57	ng		99
71) Anthracene	11.43	178	1491598	45.07	ng		99
72) Carbazole	11.63	167	1423557	41.95	ng		98
73) Di-n-butylphthalate	12.08	149	1686120	47.77	ng		99
74) Fluoranthene	12.83	202	1497276	45.49	ng		99
76) Benzidine	12.99	184	668307	37.46	ng	#	93
77) Pyrene	13.10	202	1510654	46.17	ng		99
79) Butylbenzylphthalate	13.92	149	723995	51.94	ng		89
80) Benzo(a)anthracene	14.57	228	1227042	46.68	ng		99
81) 3,3'-Dichlorobenzidine	14.54	252	162826	17.33	ng	#	96
82) Chrysene	14.62	228	1078030	44.19	ng		99
83) Bis(2-ethylhexyl)phthalate	14.63	149	962749	50.62	ng	#	99
84) Di-n-octyl phthalate	15.39	149	1494168	47.03	ng		98
85) Indeno(1,2,3-cd)pyrene	17.54	276	866001	40.99	ng		99
87) Benzo(b)fluoranthene	15.80	252	937526	47.48	ng		97
88) Benzo(k)fluoranthene	15.83	252	925576	47.91	ng		97
89) Benzo(a)pyrene	16.15	252	851818	46.85	ng		99
90) Dibenzo(a,h)anthracene	17.56	278	712576	46.28	ng		99
91) Benzo(g,h,i)perylene	17.93	276	727410	46.87	ng		99

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

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