Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050317\
Data File : BF094856.D
Acq On : 4 May 2017 2:58
Operator : SJ/MA
Sample : I2914-06MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-2.0-3.0MS

Manual Integrations APPROVED
mohammad
5/4/2017 3:35:09 PM

Quant Time: May 04 05:32:40 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	96708	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	394177	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	175530	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	301205	20.00	ng		0.00
75) Chrysene-d12	18.64	240	198130	20.00	ng		-0.01
86) Perylene-d12	20.30	264	177561	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	868906	149.80	ng		0.01
7) Phenol-d6	7.28	99	1058175	152.04	ng		0.00
23) Nitrobenzene-d5	8.63	82	616636	98.65	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	183926	127.95	ng		0.00
44) 2-Fluorobiphenyl	11.52	172	925955	75.93	ng		0.00
78) Terphenyl-d14	17.30	244	590934	65.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	114302	40.18	ng		96
3) Pyridine	2.82	79	287362	43.58	ng		96
4) n-Nitrosodimethylamine	2.75	42	133907	48.72	ng		88
6) Aniline	7.23	93	319129	36.32	ng		94
8) 2-Chlorophenol	7.42	128	348144	52.73	ng		94
9) Benzaldehyde	7.04	77	59888	14.09	ng		96
10) Phenol	7.30	94	419650	57.22	ng		90
11) bis(2-Chloroethyl)ether	7.37	93	310123	51.22	ng		99
12) 1,3-Dichlorobenzene	7.64	146	364843	48.72	ng		99
13) 1,4-Dichlorobenzene	7.76	146	365684	48.15	ng		98
14) 1,2-Dichlorobenzene	7.99	146	345235	48.70	ng		98
15) Benzyl Alcohol	8.01	79	269586	60.22	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	408024	47.61	ng		64
17) 2-Methylphenol	8.23	107	279677	51.76	ng		97
18) Hexachloroethane	8.51	117	114587	44.54	ng		90
19) n-Nitroso-di-n-propylamine	8.44	70	227616	48.36	ng		93
20) 3+4-Methylphenols	8.48	107	360199	49.06	ng	#	59
22) Acetophenone	8.40	105	453480	47.95	ng	#	84
24) Nitrobenzene	8.66	77	335178	51.16	ng		95
25) Isophorone	9.06	82	594529	53.26	ng	#	94
26) 2-Nitrophenol	9.17	139	192846	54.55	ng		98
27) 2,4-Dimethylphenol	9.31	122	298843	52.28	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	392153	50.79	ng		100
29) 2,4-Dichlorophenol	9.58	162	294489	54.56	ng		96
30) 1,2,4-Trichlorobenzene	9.67	180	286403	49.53	ng		98
31) Naphthalene	9.78	128	928052	46.84	ng		100
32) Benzoic acid	9.60	122	149811	40.77	ng		95
33) 4-Chloroaniline	9.94	127	159206	21.56	ng		94
34) Hexachlorobutadiene	10.00	225	143628	47.07	ng		98
35) Caprolactam	10.55	113	81982m	50.58	ng		
36) 4-Chloro-3-methylphenol	10.78	107	284024	49.22	ng		91
37) 2-Methylnaphthalene	10.91	142	631871	48.60	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	258013	47.80	ng		99
40) Hexachlorocyclopentadiene	11.17	237	118116	54.17	ng		99

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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	192252	53.34	ng		98
43) 2,4,5-Trichlorophenol	11.49	196	199389	51.47	ng	#	93
45) 1,1'-Biphenyl	11.68	154	738051	49.94	ng		98
46) 2-Chloronaphthalene	11.69	162	576509	48.31	ng		94
47) 2-Nitroaniline	11.90	65	166573	51.00	ng	#	81
48) Acenaphthylene	12.35	152	952289	50.95	ng		99
49) Dimethylphthalate	12.22	163	970006	67.31	ng		100
50) 2,6-Dinitrotoluene	12.31	165	156327	53.18	ng		98
51) Acenaphthene	12.63	154	558327	50.01	ng		99
52) 3-Nitroaniline	12.58	138	91818	29.10	ng	#	93
53) 2,4-Dinitrophenol	12.77	184	131884	81.34	ng	#	64
54) Dibenzofuran	12.92	168	840539	54.41	ng		99
55) 4-Nitrophenol	12.95	139	211251	111.47	ng	#	75
56) 2,4-Dinitrotoluene	12.97	165	201074	53.23	ng	#	90
57) Fluorene	13.47	166	627889	46.74	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	146626	60.14	ng	#	92
59) Diethylphthalate	13.37	149	623386	45.13	ng		99
60) 4-Chlorophenyl-phenylether	13.50	204	282028	47.77	ng		91
61) 4-Nitroaniline	13.58	138	132609	45.78	ng		98
62) Azobenzene	13.75	77	602664	54.30	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	92859	45.99	ng	#	71
65) n-Nitrosodiphenylamine	13.71	169	555064	50.77	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	159668	50.18	ng		99
67) Hexachlorobenzene	14.37	284	161035	49.38	ng	#	88
68) Atrazine	14.62	200	157623	51.07	ng		96
69) Pentachlorophenol	14.72	266	154058	102.68	ng		97
70) Phenanthrene	15.02	178	858737	49.62	ng		98
71) Anthracene	15.10	178	831399	47.03	ng		98
72) Carbazole	15.38	167	759039	47.19	ng		97
73) Di-n-butylphthalate	15.95	149	1007480	50.23	ng		99
74) Fluoranthene	16.75	202	778818	43.87	ng		99
76) Benzidine	16.97	184	160444	32.42	ng	#	92
77) Pyrene	17.05	202	752289	50.77	ng		99
79) Butylbenzylphthalate	17.96	149	343090	49.78	ng	#	86
80) Benzo(a)anthracene	18.63	228	577388	50.07	ng		100
81) 3,3'-Dichlorobenzidine	18.61	252	164279	41.25	ng	#	95
82) Chrysene	18.67	228	548266	49.17	ng		98
83) Bis(2-ethylhexyl)phthalate	18.71	149	506642	51.59	ng	#	99
84) Di-n-octyl phthalate	19.48	149	798195	49.58	ng		96
85) Indeno(1,2,3-cd)pyrene	21.60	276	521814	57.63	ng		100
87) Benzo(b)fluoranthene	19.90	252	557653	50.83	ng		98
88) Benzo(k)fluoranthene	19.93	252	522313m	49.35	ng		
89) Benzo(a)pyrene	20.25	252	494612	48.85	ng		98
90) Dibenzo(a,h)anthracene	21.61	278	440792	52.72	ng		96
91) Benzo(g,h,i)perylene	21.97	276	432394	52.70	ng		98

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

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