Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
Data File : BF094935.D
Acq On : 6 May 2017 1:00
Operator : SJ/MA
Sample : I2950-02MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-8(13-15)20170502MSD

Manual Integrations APPROVED
mohammad
5/8/2017 2:48:04 PM

Quant Time: May 06 01:32:59 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	7.72	152	92363	20.00	ng		0.00
21) Naphthalene-d8	9.74	136	382105	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	179374	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	334380	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	277380	20.00	ng		-0.01
86) Perylene-d12	20.30	264	194305	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	634948	114.61	ng		0.00
7) Phenol-d6	7.27	99	765905	115.22	ng		-0.01
23) Nitrobenzene-d5	8.62	82	453074	74.77	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	172120	117.17	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	941842	75.58	ng		-0.01
78) Terphenyl-d14	17.30	244	784384	62.28	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.14	88	81679	30.06	ng		93
3) Pyridine	2.84	79	110423	17.54	ng		98
4) n-Nitrosodimethylamine	2.74	42	88901	33.87	ng		85
6) Aniline	7.22	93	156838	18.69	ng		95
8) 2-Chlorophenol	7.41	128	236102	37.44	ng		94
9) Benzaldehyde	7.05	77	39513	9.74	ng		99
10) Phenol	7.28	94	274317	39.16	ng		91
11) bis(2-Chloroethyl)ether	7.36	93	209689	36.26	ng		95
12) 1,3-Dichlorobenzene	7.62	146	250274	34.99	ng		99
13) 1,4-Dichlorobenzene	7.75	146	258614	35.65	ng		96
14) 1,2-Dichlorobenzene	7.98	146	251931	37.21	ng		95
15) Benzyl Alcohol	8.01	79	189342	44.29	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	290186	35.46	ng	#	47
17) 2-Methylphenol	8.22	107	194718	37.73	ng	#	89
18) Hexachloroethane	8.50	117	83790	34.10	ng	#	82
19) n-Nitroso-di-n-propylamine	8.43	70	161185	35.85	ng		91
20) 3+4-Methylphenols	8.48	107	249809	35.63	ng	#	60
22) Acetophenone	8.40	105	324064	35.35	ng	#	84
24) Nitrobenzene	8.65	77	230967	36.36	ng		92
25) Isophorone	9.05	82	416201	38.47	ng		96
26) 2-Nitrophenol	9.16	139	128184	37.40	ng		99
27) 2,4-Dimethylphenol	9.30	122	199612	36.02	ng		97
28) bis(2-Chloroethoxy)methane	9.42	93	268181	35.83	ng		99
29) 2,4-Dichlorophenol	9.58	162	196641	37.58	ng		98
30) 1,2,4-Trichlorobenzene	9.67	180	198900	35.48	ng		99
31) Naphthalene	9.78	128	676985	35.25	ng		100
32) Benzoic acid	9.55	122	40637	15.07	ng		92
33) 4-Chloroaniline	9.94	127	41316	5.77	ng		94
34) Hexachlorobutadiene	10.00	225	94630	32.00	ng		96
35) Caprolactam	10.52	113	54320m	34.58	ng		
36) 4-Chloro-3-methylphenol	10.77	107	210402	37.61	ng		91
37) 2-Methylnaphthalene	10.90	142	473141	37.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	189057	34.27	ng		99
40) Hexachlorocyclopentadiene	11.16	237	150981	66.23	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	134874	36.62	ng		99
43) 2,4,5-Trichlorophenol	11.48	196	144643	36.54	ng		91
45) 1,1'-Biphenyl	11.67	154	554173	36.69	ng		98
46) 2-Chloronaphthalene	11.68	162	436513	35.80	ng		95
47) 2-Nitroaniline	11.89	65	123286	36.94	ng	#	82
48) Acenaphthylene	12.34	152	724225	37.92	ng		99
49) Dimethylphthalate	12.21	163	696740	47.31	ng		100
50) 2,6-Dinitrotoluene	12.30	165	119811	39.88	ng		92
51) Acenaphthene	12.62	154	421520	36.95	ng		99
52) 3-Nitroaniline	12.58	138	63602	19.73	ng	#	87
53) 2,4-Dinitrophenol	12.77	184	85026	53.62	ng	#	64
54) Dibenzofuran	12.91	168	633111	40.10	ng		97
55) 4-Nitrophenol	12.95	139	148500	76.68	ng	#	74
56) 2,4-Dinitrotoluene	12.97	165	152166	39.42	ng	#	87
57) Fluorene	13.47	166	502691	36.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	106705	42.83	ng	#	95
59) Diethylphthalate	13.37	149	507555	35.96	ng		98
60) 4-Chlorophenyl-phenylether	13.49	204	218235	36.17	ng		89
61) 4-Nitroaniline	13.57	138	107522	36.32	ng		98
62) Azobenzene	13.75	77	461154	40.66	ng		95
64) 4,6-Dinitro-2-methylphenol	13.63	198	74142	33.08	ng	#	70
65) n-Nitrosodiphenylamine	13.70	169	419495	34.57	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	122525	34.68	ng		96
67) Hexachlorobenzene	14.36	284	124014	34.25	ng	#	85
68) Atrazine	14.62	200	128479	37.50	ng		99
69) Pentachlorophenol	14.71	266	103944	64.71	ng		97
70) Phenanthrene	15.01	178	691128	35.97	ng		98
71) Anthracene	15.09	178	722008	36.79	ng		99
72) Carbazole	15.37	167	676992	37.91	ng		98
73) Di-n-butylphthalate	15.94	149	783306	35.18	ng		99
74) Fluoranthene	16.75	202	718990	36.48	ng		98
76) Benzidine	17.00	184	6945	7.39	ng	#	91
77) Pyrene	17.05	202	749492	36.13	ng		99
79) Butylbenzylphthalate	17.96	149	333585	34.57	ng		91
80) Benzo(a)anthracene	18.63	228	583777	36.16	ng		97
81) 3,3'-Dichlorobenzidine	18.61	252	110301	19.78	ng	#	97
82) Chrysene	18.67	228	552563	35.40	ng		100
83) Bis(2-ethylhexyl)phthalate	18.70	149	478861	34.83	ng	#	99
84) Di-n-octyl phthalate	19.47	149	775470	34.40	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	385559	30.42	ng		100
87) Benzo(b)fluoranthene	19.89	252	499133	41.57	ng		98
88) Benzo(k)fluoranthene	19.92	252	477716	41.25	ng		97
89) Benzo(a)pyrene	20.25	252	406519	36.69	ng		100
90) Dibenzo(a,h)anthracene	21.60	278	324863	35.50	ng		98
91) Benzo(g,h,i)perylene	21.96	276	336303	37.45	ng		97

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

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