Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050517\
Data File : BF094945.D
Acq On : 6 May 2017 6:24
Operator : SJ/MA
Sample : PB98586BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98586BS

Manual Integrations APPROVED
mohammad
5/8/2017 2:48:42 PM

Quant Time: May 08 01:43:35 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	98425	20.00	ng		0.00
21) Naphthalene-d8	9.74	136	415370	20.00	ng		-0.01
38) Acenaphthene-d10	12.57	164	187714	20.00	ng		-0.01
63) Phenanthrene-d10	14.97	188	326413	20.00	ng		-0.01
75) Chrysene-d12	18.64	240	245647	20.00	ng		-0.01
86) Perylene-d12	20.31	264	187151	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	782263	132.51	ng		0.00
7) Phenol-d6	7.27	99	920363	129.93	ng		0.00
23) Nitrobenzene-d5	8.62	82	544153	82.61	ng		-0.01
41) 2,4,6-Tribromophenol	13.87	330	191277	124.42	ng		-0.01
44) 2-Fluorobiphenyl	11.52	172	1075714	82.48	ng		-0.01
78) Terphenyl-d14	17.30	244	912965	81.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	92028	31.79	ng		98
3) Pyridine	2.84	79	226526	33.76	ng		99
4) n-Nitrosodimethylamine	2.76	42	110916	39.65	ng		88
6) Aniline	7.23	93	203121	22.71	ng		94
8) 2-Chlorophenol	7.41	128	281390	41.88	ng		97
9) Benzaldehyde	7.05	77	39432	9.12	ng		95
10) Phenol	7.29	94	323790	43.38	ng		89
11) bis(2-Chloroethyl)ether	7.36	93	255537	41.47	ng		98
12) 1,3-Dichlorobenzene	7.63	146	302261	39.65	ng		100
13) 1,4-Dichlorobenzene	7.75	146	313428	40.55	ng		98
14) 1,2-Dichlorobenzene	7.98	146	296693	41.12	ng		97
15) Benzyl Alcohol	8.01	79	215641	47.33	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	333001	38.18	ng		53
17) 2-Methylphenol	8.22	107	232265	42.24	ng	#	88
18) Hexachloroethane	8.51	117	104164	39.78	ng		89
19) n-Nitroso-di-n-propylamine	8.43	70	201479	42.06	ng		95
20) 3+4-Methylphenols	8.48	107	317427	42.48	ng	#	59
22) Acetophenone	8.40	105	399938	40.13	ng	#	84
24) Nitrobenzene	8.65	77	282257	40.88	ng		94
25) Isophorone	9.05	82	490315	41.69	ng		95
26) 2-Nitrophenol	9.16	139	155711	41.80	ng		98
27) 2,4-Dimethylphenol	9.30	122	253281	42.05	ng		98
28) bis(2-Chloroethoxy)methane	9.42	93	326375	40.11	ng		98
29) 2,4-Dichlorophenol	9.58	162	240884	42.35	ng		99
30) 1,2,4-Trichlorobenzene	9.67	180	243017	39.88	ng		98
31) Naphthalene	9.78	128	823533	39.45	ng		99
32) Benzoic acid	9.61	122	165327	42.46	ng		97
33) 4-Chloroaniline	9.94	127	43975	5.65	ng	#	87
34) Hexachlorobutadiene	10.00	225	119689	37.23	ng		98
35) Caprolactam	10.54	113	75368m	44.13	ng		
36) 4-Chloro-3-methylphenol	10.77	107	250362	41.17	ng		90
37) 2-Methylnaphthalene	10.90	142	566171	41.32	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	218060	37.77	ng		100
40) Hexachlorocyclopentadiene	11.16	237	184353	76.27	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	160131	41.55	ng		99
43) 2,4,5-Trichlorophenol	11.48	196	164261	39.65	ng	#	93
45) 1,1'-Biphenyl	11.67	154	650214	41.14	ng		97
46) 2-Chloronaphthalene	11.68	162	512138	40.13	ng		95
47) 2-Nitroaniline	11.89	65	140505	40.23	ng	#	80
48) Acenaphthylene	12.34	152	812993	40.67	ng		98
49) Dimethylphthalate	12.21	163	608042	39.46	ng		99
50) 2,6-Dinitrotoluene	12.31	165	132259	42.07	ng		98
51) Acenaphthene	12.62	154	484484	40.58	ng		97
52) 3-Nitroaniline	12.58	138	54662	16.20	ng	#	89
53) 2,4-Dinitrophenol	12.77	184	123531	72.02	ng	#	67
54) Dibenzofuran	12.91	168	721431	43.67	ng		98
55) 4-Nitrophenol	12.95	139	161481	79.68	ng	#	80
56) 2,4-Dinitrotoluene	12.97	165	173671	42.99	ng	#	86
57) Fluorene	13.47	166	584378	40.68	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	127245	48.81	ng		92
59) Diethylphthalate	13.37	149	567655	38.43	ng		99
60) 4-Chlorophenyl-phenylether	13.49	204	263348	41.71	ng		89
61) 4-Nitroaniline	13.58	138	122640	39.59	ng		98
62) Azobenzene	13.75	77	534161	45.01	ng		93
64) 4,6-Dinitro-2-methylphenol	13.63	198	88772	40.57	ng	#	68
65) n-Nitrosodiphenylamine	13.70	169	487634	41.16	ng		99
66) 4-Bromophenyl-phenylether	14.28	248	146694	42.54	ng		99
67) Hexachlorobenzene	14.36	284	142839	40.42	ng	#	86
68) Atrazine	14.62	200	146209	43.71	ng		96
69) Pentachlorophenol	14.71	266	125110	78.42	ng		96
70) Phenanthrene	15.01	178	783555	41.78	ng		98
71) Anthracene	15.09	178	820288	42.82	ng		98
72) Carbazole	15.38	167	708751	40.66	ng		97
73) Di-n-butylphthalate	15.94	149	889101	40.90	ng		99
74) Fluoranthene	16.75	202	825920	42.93	ng		98
76) Benzidine	16.97	184	254268	39.61	ng	#	93
77) Pyrene	17.05	202	823468	44.82	ng		99
79) Butylbenzylphthalate	17.96	149	384661	45.01	ng		90
80) Benzo(a)anthracene	18.63	228	604945	42.31	ng		99
81) 3,3'-Dichlorobenzidine	18.61	252	118111	23.92	ng	#	97
82) Chrysene	18.67	228	575878	41.66	ng		99
83) Bis(2-ethylhexyl)phthalate	18.70	149	525762	43.18	ng	#	99
84) Di-n-octyl phthalate	19.47	149	846600	42.41	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	493342	43.95	ng		99
87) Benzo(b)fluoranthene	19.90	252	507055	43.85	ng		98
88) Benzo(k)fluoranthene	19.92	252	495026	44.38	ng		97
89) Benzo(a)pyrene	20.25	252	460569	43.16	ng		99
90) Dibenzo(a,h)anthracene	21.60	278	411585	46.70	ng		97
91) Benzo(g,h,i)perylene	21.96	276	423953	49.02	ng		98

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

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