Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051017\
Data File : BF095057.D
Acq On : 10 May 2017 15:49
Operator : SJ/MA
Sample : PB98833BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98833BS

Manual Integrations APPROVED
mohammad
5/11/2017 2:25:24 PM

Quant Time: May 11 11:16:07 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	7.71	152	85782	20.00	ng		-0.02
21) Naphthalene-d8	9.73	136	365313	20.00	ng		-0.02
38) Acenaphthene-d10	12.55	164	164576	20.00	ng		-0.03
63) Phenanthrene-d10	14.96	188	279225	20.00	ng		-0.02
75) Chrysene-d12	18.63	240	239927	20.00	ng		-0.02
86) Perylene-d12	20.30	264	175102	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	718753	139.69	ng		-0.02
7) Phenol-d6	7.26	99	880509	142.63	ng		-0.02
23) Nitrobenzene-d5	8.61	82	536436	92.60	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	199460	147.99	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1021588	89.35	ng		-0.02
78) Terphenyl-d14	17.29	244	966253	88.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	86820	34.41	ng		94
3) Pyridine	2.80	79	207485	35.48	ng		98
4) n-Nitrosodimethylamine	2.71	42	100334	41.16	ng		79
6) Aniline	7.21	93	300727	38.59	ng		95
8) 2-Chlorophenol	7.40	128	273711	46.74	ng		95
9) Benzaldehyde	7.05	77	27144	7.20	ng		95
10) Phenol	7.28	94	303293	46.62	ng		89
11) bis(2-Chloroethyl)ether	7.35	93	235172	43.79	ng		96
12) 1,3-Dichlorobenzene	7.61	146	286811	43.17	ng		99
13) 1,4-Dichlorobenzene	7.74	146	292806	43.46	ng		97
14) 1,2-Dichlorobenzene	7.97	146	279895	44.51	ng		95
15) Benzyl Alcohol	8.00	79	219205	55.21	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.20	45	325334	42.80	ng		60
17) 2-Methylphenol	8.21	107	226933	47.35	ng	#	90
18) Hexachloroethane	8.49	117	102008	44.70	ng	#	87
19) n-Nitroso-di-n-propylamine	8.42	70	193632	46.38	ng		94
20) 3+4-Methylphenols	8.47	107	300867	46.20	ng	#	60
22) Acetophenone	8.38	105	388892	44.37	ng	#	84
24) Nitrobenzene	8.64	77	268792	44.27	ng		93
25) Isophorone	9.04	82	489250	47.30	ng	#	94
26) 2-Nitrophenol	9.15	139	156076	47.63	ng		98
27) 2,4-Dimethylphenol	9.28	122	252276	47.62	ng		99
28) bis(2-Chloroethoxy)methane	9.41	93	318337	44.48	ng		98
29) 2,4-Dichlorophenol	9.57	162	237578	47.50	ng		96
30) 1,2,4-Trichlorobenzene	9.65	180	228437	42.63	ng		98
31) Naphthalene	9.77	128	779802	42.47	ng		99
32) Benzoic acid	9.60	122	129668	38.41	ng		90
33) 4-Chloroaniline	9.92	127	105556	15.43	ng		92
34) Hexachlorobutadiene	9.98	225	116501	41.20	ng		99
35) Caprolactam	10.54	113	75094m	50.00	ng		
36) 4-Chloro-3-methylphenol	10.76	107	249141	46.59	ng		91
37) 2-Methylnaphthalene	10.89	142	550728	45.70	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	214893	42.46	ng		100
40) Hexachlorocyclopentadiene	11.14	237	170373	80.07	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	148386	43.91	ng		96
43) 2,4,5-Trichlorophenol	11.48	196	156900	43.20	ng	#	92
45) 1,1'-Biphenyl	11.65	154	615215	44.40	ng		98
46) 2-Chloronaphthalene	11.67	162	489000	43.71	ng		96
47) 2-Nitroaniline	11.88	65	139292	45.49	ng	#	82
48) Acenaphthylene	12.33	152	799862	45.64	ng		98
49) Dimethylphthalate	12.20	163	590322	43.69	ng		99
50) 2,6-Dinitrotoluene	12.30	165	134263	48.71	ng		96
51) Acenaphthene	12.61	154	470648	44.96	ng		99
52) 3-Nitroaniline	12.57	138	76174	25.75	ng		87
53) 2,4-Dinitrophenol	12.77	184	118087	77.96	ng	#	70
54) Dibenzofuran	12.90	168	716299	49.45	ng		97
55) 4-Nitrophenol	12.95	139	168688	94.93	ng	#	71
56) 2,4-Dinitrotoluene	12.96	165	177158	50.02	ng	#	86
57) Fluorene	13.45	166	567035	45.02	ng		100
58) 2,3,4,6-Tetrachlorophenol	13.14	232	117593	51.45	ng	#	96
59) Diethylphthalate	13.35	149	573352	44.27	ng		99
60) 4-Chlorophenyl-phenylether	13.48	204	246022	44.45	ng		91
61) 4-Nitroaniline	13.57	138	127472	46.94	ng		98
62) Azobenzene	13.74	77	538354	51.74	ng		95
64) 4,6-Dinitro-2-methylphenol	13.62	198	86421	46.17	ng	#	70
65) n-Nitrosodiphenylamine	13.69	169	491925	48.54	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	144869	49.11	ng		96
67) Hexachlorobenzene	14.35	284	145067	47.98	ng	#	87
68) Atrazine	14.61	200	148279	51.82	ng		98
69) Pentachlorophenol	14.70	266	109578	80.15	ng		97
70) Phenanthrene	15.00	178	747404	46.59	ng		99
71) Anthracene	15.08	178	802577	48.97	ng		99
72) Carbazole	15.37	167	779819	52.30	ng		98
73) Di-n-butylphthalate	15.93	149	944525	50.79	ng		98
74) Fluoranthene	16.74	202	854412	51.92	ng		98
76) Benzidine	16.96	184	277514	43.49	ng	#	94
77) Pyrene	17.04	202	865657	48.24	ng		99
79) Butylbenzylphthalate	17.95	149	406980	48.76	ng		89
80) Benzo(a)anthracene	18.62	228	668760	47.89	ng		99
81) 3,3'-Dichlorobenzidine	18.60	252	133335	27.65	ng	#	97
82) Chrysene	18.67	228	608371	45.06	ng		99
83) Bis(2-ethylhexyl)phthalate	18.69	149	561199	47.19	ng	#	100
84) Di-n-octyl phthalate	19.46	149	879713	45.12	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	507175	46.26	ng		99
87) Benzo(b)fluoranthene	19.89	252	522362	48.28	ng		98
88) Benzo(k)fluoranthene	19.92	252	494690	47.40	ng		95
89) Benzo(a)pyrene	20.24	252	493140	49.39	ng		99
90) Dibenzo(a,h)anthracene	21.59	278	420632	51.01	ng		98
91) Benzo(g,h,i)perylene	21.96	276	437541	54.07	ng		98

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

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