Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095189.D
Acq On : 17 May 2017 17:25
Operator : SJ/MA
Sample : PB99021BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB99021BS

Manual Integrations APPROVED
mohammad
5/18/2017 2:29:11 PM

Quant Time: May 18 08:43:48 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 04:48:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	90274	20.00	ng		0.00
21) Naphthalene-d8	9.79	136	370402	20.00	ng		0.00
38) Acenaphthene-d10	12.62	164	170979	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	310317	20.00	ng		0.00
75) Chrysene-d12	18.69	240	252252	20.00	ng		0.00
86) Perylene-d12	20.36	264	189828	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	764565	141.20	ng		0.02
7) Phenol-d6	7.32	99	924907	142.36	ng		0.01
23) Nitrobenzene-d5	8.68	82	537432	91.49	ng		0.00
41) 2,4,6-Tribromophenol	13.92	330	204229	145.85	ng		0.00
44) 2-Fluorobiphenyl	11.57	172	1063203	89.50	ng		0.00
78) Terphenyl-d14	17.35	244	986425	86.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	93609	35.25	ng		89
3) Pyridine	3.03	79	217367	35.32	ng		99
4) n-Nitrosodimethylamine	2.95	42	99155	38.65	ng		88
6) Aniline	7.29	93	295695	36.05	ng		95
8) 2-Chlorophenol	7.47	128	288943	46.88	ng		96
9) Benzaldehyde	7.11	77	96318	24.28	ng		97
10) Phenol	7.34	94	298802	43.65	ng		90
11) bis(2-Chloroethyl)ether	7.41	93	252342	44.65	ng		96
12) 1,3-Dichlorobenzene	7.68	146	298266	42.66	ng		97
13) 1,4-Dichlorobenzene	7.81	146	308260	43.48	ng		98
14) 1,2-Dichlorobenzene	8.04	146	293117	44.29	ng		96
15) Benzyl Alcohol	8.06	79	218916	52.39	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	325588	40.70	ng		68
17) 2-Methylphenol	8.27	107	230455	45.69	ng	#	88
18) Hexachloroethane	8.55	117	101489	42.26	ng	#	85
19) n-Nitroso-di-n-propylamine	8.48	70	195104	44.40	ng		95
20) 3+4-Methylphenols	8.52	107	305476	44.57	ng	#	55
22) Acetophenone	8.45	105	396528	44.62	ng	#	84
24) Nitrobenzene	8.71	77	251119	40.79	ng		92
25) Isophorone	9.11	82	493176	47.02	ng	#	94
26) 2-Nitrophenol	9.21	139	158663	47.76	ng		98
27) 2,4-Dimethylphenol	9.34	122	249396	46.43	ng		98
28) bis(2-Chloroethoxy)methane	9.47	93	316251	43.59	ng		99
29) 2,4-Dichlorophenol	9.63	162	229824	45.32	ng		98
30) 1,2,4-Trichlorobenzene	9.71	180	234718	43.20	ng		99
31) Naphthalene	9.82	128	803134	43.14	ng		99
32) Benzoic acid	9.66	122	119253	35.32	ng		89
33) 4-Chloroaniline	9.99	127	95027	13.70	ng	#	91
34) Hexachlorobutadiene	10.04	225	116890	40.77	ng		98
35) Caprolactam	10.60	113	65506m	43.01	ng		
36) 4-Chloro-3-methylphenol	10.82	107	253511	46.75	ng		90
37) 2-Methylnaphthalene	10.95	142	553510	45.30	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	219824	41.81	ng		99
40) Hexachlorocyclopentadiene	11.20	237	150303	68.90	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	160483	45.71	ng		95
43) 2,4,5-Trichlorophenol	11.54	196	157813	41.82	ng	#	93
45) 1,1'-Biphenyl	11.71	154	632327	43.93	ng		97
46) 2-Chloronaphthalene	11.73	162	507747	43.68	ng		95
47) 2-Nitroaniline	11.95	65	135513	42.59	ng	#	81
48) Acenaphthylene	12.39	152	812500	44.63	ng		98
49) Dimethylphthalate	12.27	163	591156	42.12	ng		98
50) 2,6-Dinitrotoluene	12.36	165	135246	47.23	ng		97
51) Acenaphthene	12.68	154	479605	44.10	ng		98
52) 3-Nitroaniline	12.64	138	66888	21.76	ng		94
53) 2,4-Dinitrophenol	12.84	184	128648	81.44	ng	#	69
54) Dibenzofuran	12.97	168	734892	48.84	ng		96
55) 4-Nitrophenol	13.02	139	137485	74.48	ng	#	68
56) 2,4-Dinitrotoluene	13.03	165	183323	49.82	ng	#	91
57) Fluorene	13.52	166	588230	44.95	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	125134	52.69	ng	#	92
59) Diethylphthalate	13.41	149	575269	42.76	ng		99
60) 4-Chlorophenyl-phenylether	13.54	204	255864	44.49	ng		92
61) 4-Nitroaniline	13.64	138	118203	41.89	ng		95
62) Azobenzene	13.80	77	553186	51.17	ng		92
64) 4,6-Dinitro-2-methylphenol	13.69	198	92564	44.50	ng	#	71
65) n-Nitrosodiphenylamine	13.75	169	505358	44.87	ng		99
66) 4-Bromophenyl-phenylether	14.32	248	146887	44.80	ng		96
67) Hexachlorobenzene	14.41	284	146635	43.64	ng	#	86
68) Atrazine	14.67	200	154208	48.49	ng		96
69) Pentachlorophenol	14.77	266	112376	74.41	ng		96
70) Phenanthrene	15.07	178	820151	46.00	ng		98
71) Anthracene	15.15	178	859895	47.21	ng		98
72) Carbazole	15.42	167	792140	47.80	ng		97
73) Di-n-butylphthalate	15.99	149	937350	45.36	ng		98
74) Fluoranthene	16.80	202	856574	46.83	ng		99
76) Benzidine	17.02	184	278874	41.85	ng	#	92
77) Pyrene	17.11	202	873911	46.32	ng		98
79) Butylbenzylphthalate	18.00	149	395835	45.11	ng	#	86
80) Benzo(a)anthracene	18.68	228	680091	46.32	ng		98
81) 3,3'-Dichlorobenzidine	18.67	252	124510	24.56	ng	#	94
82) Chrysene	18.73	228	636614	44.85	ng		99
83) Bis(2-ethylhexyl)phthalate	18.75	149	542797	43.41	ng	#	100
84) Di-n-octyl phthalate	19.51	149	854963	41.71	ng		96
85) Indeno(1,2,3-cd)pyrene	21.69	276	450124	39.05	ng		100
87) Benzo(b)fluoranthene	19.96	252	532784	45.42	ng		99
88) Benzo(k)fluoranthene	19.99	252	540284	47.75	ng	#	95
89) Benzo(a)pyrene	20.31	252	503687	46.54	ng		98
90) Dibenzo(a,h)anthracene	21.70	278	364124	40.73	ng		98
91) Benzo(g,h,i)perylene	22.08	276	394672	44.99	ng		96

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

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