Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050217\
Data File : BF094801.D
Acq On : 2 May 2017 19:20
Operator : SJ/MA
Sample : PB98583BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98583BS

Manual Integrations APPROVED
mohammad
5/4/2017 1:44:07 PM

Quant Time: May 03 17:38:57 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	7.74	152	94842	20.00	ng		0.00
21) Naphthalene-d8	9.75	136	394644	20.00	ng		0.00
38) Acenaphthene-d10	12.58	164	187894	20.00	ng		0.00
63) Phenanthrene-d10	14.98	188	325049	20.00	ng		0.00
75) Chrysene-d12	18.65	240	265951	20.00	ng		0.00
86) Perylene-d12	20.31	264	194246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	807948	142.03	ng		0.02
7) Phenol-d6	7.28	99	961693	140.90	ng		0.00
23) Nitrobenzene-d5	8.64	82	571149	91.26	ng		0.00
41) 2,4,6-Tribromophenol	13.88	330	213730	138.89	ng		0.00
44) 2-Fluorobiphenyl	11.53	172	1154803	88.46	ng		0.00
78) Terphenyl-d14	17.31	244	1049270	86.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	103650	37.152	ng		97
3) Pyridine	2.84	79	260546	40.294	ng		97
4) n-Nitrosodimethylamine	2.77	42	122978	45.628	ng		87
6) Aniline	7.24	93	226202	26.251	ng		98
8) 2-Chlorophenol	7.42	128	299219	46.213	ng		95
9) Benzaldehyde	7.05	77	47580	11.416	ng		95
10) Phenol	7.30	94	339826	47.247	ng		89
11) bis(2-Chloroethyl)ether	7.37	93	255242	42.986	ng		96
12) 1,3-Dichlorobenzene	7.64	146	317512	43.229	ng		98
13) 1,4-Dichlorobenzene	7.76	146	328451	44.096	ng		97
14) 1,2-Dichlorobenzene	8.00	146	303331	43.628	ng		96
15) Benzyl Alcohol	8.01	79	236298	53.825	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.22	45	346544	41.235	ng	#	37
17) 2-Methylphenol	8.23	107	235874	44.514	ng	#	93
18) Hexachloroethane	8.52	117	105090	41.649	ng		88
19) n-Nitroso-di-n-propylamine	8.44	70	198482	42.997	ng		94
20) 3+4-Methylphenols	8.48	107	321374	44.633	ng	#	62
22) Acetophenone	8.40	105	421853	44.553	ng	#	84
24) Nitrobenzene	8.66	77	290320	44.257	ng		94
25) Isophorone	9.06	82	506017	45.281	ng		95
26) 2-Nitrophenol	9.17	139	161789	45.707	ng		95
27) 2,4-Dimethylphenol	9.31	122	267923	46.816	ng		99
28) bis(2-Chloroethoxy)methane	9.43	93	340319	44.022	ng		99
29) 2,4-Dichlorophenol	9.58	162	253676	46.945	ng		96
30) 1,2,4-Trichlorobenzene	9.68	180	250384	43.250	ng		99
31) Naphthalene	9.79	128	845642	42.635	ng		99
32) Benzoic acid	9.58	122	102195	29.400	ng		95
33) 4-Chloroaniline	9.93	127	57027	7.715	ng	#	93
34) Hexachlorobutadiene	10.01	225	127281	41.668	ng		98
35) Caprolactam	10.54	113	76524m	47.161	ng		
36) 4-Chloro-3-methylphenol	10.78	107	256136	44.334	ng		92
37) 2-Methylnaphthalene	10.91	142	576271	44.269	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.19	216	229204	39.667	ng		99
40) Hexachlorocyclopentadiene	11.17	237	187812	77.520	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.41	196	171497	44.453	ng		96
43) 2,4,5-Trichlorophenol	11.48	196	181601	43.796	ng		93
45) 1,1'-Biphenyl	11.68	154	647407	40.924	ng		98
46) 2-Chloronaphthalene	11.70	162	510904	39.997	ng		96
47) 2-Nitroaniline	11.90	65	141895	40.586	ng	#	80
48) Acenaphthylene	12.35	152	885430	44.255	ng		98
49) Dimethylphthalate	12.23	163	662234	42.932	ng		98
50) 2,6-Dinitrotoluene	12.31	165	147107	46.747	ng		95
51) Acenaphthene	12.64	154	520277	43.537	ng		99
52) 3-Nitroaniline	12.58	138	61332	18.159	ng	#	91
53) 2,4-Dinitrophenol	12.77	184	89364	53.779	ng	#	66
54) Dibenzofuran	12.92	168	795866	48.126	ng		97
55) 4-Nitrophenol	12.95	139	195416	96.329	ng	#	72
56) 2,4-Dinitrotoluene	12.97	165	195961	48.461	ng	#	87
57) Fluorene	13.48	166	607179	42.225	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.16	232	122443	46.919	ng	#	95
59) Diethylphthalate	13.38	149	590017	39.908	ng		99
60) 4-Chlorophenyl-phenylether	13.51	204	263836	41.748	ng		91
61) 4-Nitroaniline	13.58	138	133116	42.931	ng		95
62) Azobenzene	13.76	77	591450	49.784	ng		95
64) 4,6-Dinitro-2-methylphenol	13.64	198	76711	35.204	ng	#	64
65) n-Nitrosodiphenylamine	13.71	169	534399	45.298	ng		99
66) 4-Bromophenyl-phenylether	14.29	248	157173	45.768	ng		99
67) Hexachlorobenzene	14.37	284	149207	42.396	ng	#	89
68) Atrazine	14.63	200	151867	45.593	ng		97
69) Pentachlorophenol	14.72	266	121992	76.907	ng		97
70) Phenanthrene	15.02	178	845798	45.287	ng		97
71) Anthracene	15.11	178	886439	46.465	ng		98
72) Carbazole	15.38	167	841342	48.470	ng		98
73) Di-n-butylphthalate	15.95	149	1017547	47.007	ng		99
74) Fluoranthene	16.76	202	913726	47.694	ng		99
76) Benzidine	16.98	184	259957	37.769	ng	#	92
77) Pyrene	17.07	202	918425	46.175	ng		98
79) Butylbenzylphthalate	17.97	149	430561	46.539	ng		89
80) Benzo(a)anthracene	18.64	228	728274	47.052	ng		98
81) 3,3'-Dichlorobenzidine	18.62	252	142364	26.631	ng	#	96
82) Chrysene	18.68	228	677266	45.253	ng		98
83) Bis(2-ethylhexyl)phthalate	18.72	149	605131	45.907	ng	#	97
84) Di-n-octyl phthalate	19.48	149	959196	44.384	ng		96
85) Indeno(1,2,3-cd)pyrene	21.60	276	487986	40.150	ng		100
87) Benzo(b)fluoranthene	19.91	252	565092	47.080	ng		98
88) Benzo(k)fluoranthene	19.94	252	547120	47.256	ng	#	95
89) Benzo(a)pyrene	20.25	252	517887	46.759	ng		99
90) Dibenzo(a,h)anthracene	21.61	278	405631	44.346	ng		99
91) Benzo(g,h,i)perylene	21.98	276	422904	47.114	ng		96

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

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