Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042517\
Data File : BF094598.D
Acq On : 25 Apr 2017 11:59
Operator : SJ/MA
Sample : PB98413BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB98413BS

Manual Integrations APPROVED
mohammad
4/26/2017 2:20:37 PM

Quant Time: Apr 26 02:09:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	121281	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	490001	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	223241	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	412897	20.00	ng		-0.02
75) Chrysene-d12	14.45	240	349705	20.00	ng		-0.01
86) Perylene-d12	16.08	264	255614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	954663	130.59	ng		0.00
7) Phenol-d6	5.39	99	1153826	133.88	ng		0.00
23) Nitrobenzene-d5	6.41	82	716010	90.23	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	247157	141.54	ng		0.00
44) 2-Fluorobiphenyl	8.57	172	1283277	84.58	ng		-0.01
78) Terphenyl-d14	13.18	244	1226318	93.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.13	88	120188	28.27	ng		98
3) Pyridine	2.65	79	337022	36.27	ng		98
4) n-Nitrosodimethylamine	2.60	42	152385	39.64	ng		89
6) Aniline	5.39	93	307970	26.89	ng	#	77
8) 2-Chlorophenol	5.53	128	357487	42.98	ng		95
9) Benzaldehyde	5.25	77	108016	16.48	ng		99
10) Phenol	5.40	94	434279	41.02	ng		97
11) bis(2-Chloroethyl)ether	5.47	93	328078	42.42	ng		97
12) 1,3-Dichlorobenzene	5.69	146	376814	40.89	ng		99
13) 1,4-Dichlorobenzene	5.78	146	382022	41.20	ng		98
14) 1,2-Dichlorobenzene	5.95	146	352290	41.25	ng		97
15) Benzyl Alcohol	5.94	79	270881	42.37	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.09	45	424838	41.90	ng		66
17) 2-Methylphenol	6.08	107	283756	43.31	ng		94
18) Hexachloroethane	6.34	117	129884	40.86	ng	#	86
19) n-Nitroso-di-n-propylamine	6.25	70	245699	43.03	ng		96
20) 3+4-Methylphenols	6.26	107	394046	44.26	ng	#	60
22) Acetophenone	6.23	105	500643	42.02	ng	#	86
24) Nitrobenzene	6.43	77	353233	42.27	ng		93
25) Isophorone	6.72	82	627835	42.68	ng		95
26) 2-Nitrophenol	6.80	139	198294	44.17	ng		96
27) 2,4-Dimethylphenol	6.88	122	314274	43.10	ng		99
28) bis(2-Chloroethoxy)methane	6.98	93	406130	42.68	ng		99
29) 2,4-Dichlorophenol	7.10	162	302488	44.59	ng		97
30) 1,2,4-Trichlorobenzene	7.18	180	292043	41.64	ng		98
31) Naphthalene	7.28	128	980289	41.61	ng		100
32) Benzoic acid	7.05	122	114568	29.71	ng		91
33) 4-Chloroaniline	7.35	127	83932	8.56	ng		94
34) Hexachlorobutadiene	7.43	225	144958	41.45	ng		97
35) Caprolactam	7.82	113	98377m	46.16	ng		
36) 4-Chloro-3-methylphenol	7.98	107	317404	44.64	ng		88
37) 2-Methylnaphthalene	8.12	142	688875	42.74	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	263921	41.52	ng		99
40) Hexachlorocyclopentadiene	8.31	237	259192	100.79	ng		98

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	199580	44.71	ng		99
43) 2,4,5-Trichlorophenol	8.54	196	204267	44.56	ng	#	90
45) 1,1'-Biphenyl	8.69	154	769313	42.18	ng		98
46) 2-Chloronaphthalene	8.71	162	622185	42.90	ng		95
47) 2-Nitroaniline	8.85	65	180384	43.24	ng	#	79
48) Acenaphthylene	9.21	152	966929	42.77	ng		98
49) Dimethylphthalate	9.09	163	752246	45.22	ng		99
50) 2,6-Dinitrotoluene	9.15	165	169343	45.35	ng		97
51) Acenaphthene	9.42	154	575427	42.49	ng		100
52) 3-Nitroaniline	9.35	138	92991	21.52	ng		89
53) 2,4-Dinitrophenol	9.50	184	104528	53.63	ng	#	68
54) Dibenzofuran	9.64	168	858236	43.61	ng		98
55) 4-Nitrophenol	9.62	139	233687m	76.56	ng		
56) 2,4-Dinitrotoluene	9.65	165	220342	48.09	ng	#	83
57) Fluorene	10.06	166	661300	43.15	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.81	232	153752	46.79	ng		96
59) Diethylphthalate	9.95	149	713630	45.46	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	285630	44.78	ng		92
61) 4-Nitroaniline	10.11	138	170735	38.87	ng		96
62) Azobenzene	10.26	77	686278	45.03	ng		97
64) 4,6-Dinitro-2-methylphenol	10.15	198	89480	33.08	ng	#	72
65) n-Nitrosodiphenylamine	10.22	169	613260	42.71	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	177538	43.30	ng		94
67) Hexachlorobenzene	10.74	284	180275	43.63	ng	#	89
68) Atrazine	10.90	200	192923	44.91	ng		97
69) Pentachlorophenol	10.99	266	157943	96.27	ng		98
70) Phenanthrene	11.24	178	995717	42.82	ng		98
71) Anthracene	11.30	178	1030956	42.87	ng		99
72) Carbazole	11.51	167	979990	43.41	ng		97
73) Di-n-butylphthalate	11.95	149	1159220	46.64	ng		99
74) Fluoranthene	12.69	202	1053181	43.70	ng		99
76) Benzidine	12.87	184	386812	27.32	ng	#	93
77) Pyrene	12.97	202	1068227	43.72	ng		99
79) Butylbenzylphthalate	13.79	149	509530	47.59	ng		91
80) Benzo(a)anthracene	14.44	228	894642	44.01	ng		99
81) 3,3'-Dichlorobenzidine	14.42	252	176349	24.51	ng	#	96
82) Chrysene	14.49	228	804331	43.30	ng		99
83) Bis(2-ethylhexyl)phthalate	14.51	149	727781	50.62	ng	#	99
84) Di-n-octyl phthalate	15.27	149	1134900	47.06	ng		97
85) Indeno(1,2,3-cd)pyrene	17.35	276	668158	37.80	ng		100
87) Benzo(b)fluoranthene	15.68	252	697712	44.62	ng		97
88) Benzo(k)fluoranthene	15.71	252	712678	48.16	ng		96
89) Benzo(a)pyrene	16.02	252	646497	44.44	ng		99
90) Dibenzo(a,h)anthracene	17.37	278	550937	45.61	ng		97
91) Benzo(g,h,i)perylene	17.72	276	566662	46.08	ng		99

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

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