Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088536.D
Acq On : 30 Jun 2016 18:33
Operator : UM/SJ
Sample : PB91573BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91573BS

Manual Integrations
APPROVED
SOHIL
7/1/2016 8:04:51 AM

Quant Time: Jul 01 02:28:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 01 01:58:49 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	150740	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	633979	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	286086	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	548739	20.00	ng		0.00
75) Chrysene-d12	13.95	240	322877	20.00	ng		0.00
86) Perylene-d12	15.36	264	315029	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1180785	117.40	ng		0.02
7) Phenol-d6	6.46	99	1469854	113.10	ng		0.01
23) Nitrobenzene-d5	7.38	82	923338	76.32	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	277940	104.62	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1506628	83.19	ng		0.00
78) Terphenyl-d14	12.91	244	1174971	81.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	162222	32.53	ng	#	33
3) Pyridine	3.18	79	477768	33.02	ng		96
4) n-Nitrosodimethylamine	3.13	42	222297	40.21	ng		91
6) Aniline	6.48	93	436295	23.04	ng		97
8) 2-Chlorophenol	6.60	128	458298	42.40	ng		90
9) Benzaldehyde	6.35	77	6826	0.78	ng		83
10) Phenol	6.47	94	638126	43.02	ng		83
11) bis(2-Chloroethyl)ether	6.56	93	480458	43.44	ng		89
12) 1,3-Dichlorobenzene	6.75	146	409708m	34.44	ng		
13) 1,4-Dichlorobenzene	6.83	146	438887	37.17	ng		97
14) 1,2-Dichlorobenzene	6.99	146	394382	35.69	ng		97
15) Benzyl Alcohol	6.96	79	363953	38.05	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	639956	39.95	ng		90
17) 2-Methylphenol	7.07	107	370245	41.98	ng		98
18) Hexachloroethane	7.34	117	181312	39.70	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	358139	41.03	ng	#	87
20) 3+4-Methylphenols	7.23	107	467769	44.20	ng	#	79
22) Acetophenone	7.23	105	594629	38.64	ng	#	86
24) Nitrobenzene	7.40	77	539586	44.24	ng		95
25) Isophorone	7.64	82	931200	41.55	ng		97
26) 2-Nitrophenol	7.71	139	201468	40.28	ng		93
27) 2,4-Dimethylphenol	7.76	122	422903	40.59	ng		92
28) bis(2-Chloroethoxy)methane	7.86	93	616087	42.25	ng		97
29) 2,4-Dichlorophenol	7.95	162	349975	41.57	ng		95
30) 1,2,4-Trichlorobenzene	8.04	180	371053	40.16	ng		99
31) Naphthalene	8.12	128	1267074	40.54	ng		100
32) Benzoic acid	7.90	122	281207	37.18	ng		92
33) 4-Chloroaniline	8.17	127	193895	13.94	ng		98
34) Hexachlorobutadiene	8.25	225	197924	40.01	ng		98
35) Caprolactam	8.55	113	134161m	46.92	ng		
36) 4-Chloro-3-methylphenol	8.66	107	431657	43.36	ng		96
37) 2-Methylnaphthalene	8.81	142	769953	38.26	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	312960	32.89	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	343967	73.65	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	258179	41.15	ng		100
43) 2,4,5-Trichlorophenol	9.14	196	267314	49.52	ng		98
45) 1,1'-Biphenyl	9.28	154	871838	36.80	ng		98
46) 2-Chloronaphthalene	9.30	162	719221	38.67	ng		98
47) 2-Nitroaniline	9.39	65	242868	36.80	ng		97
48) Acenaphthylene	9.71	152	1111700	37.57	ng		99
49) Dimethylphthalate	9.59	163	923866	45.33	ng		100
50) 2,6-Dinitrotoluene	9.64	165	223585	49.50	ng		96
51) Acenaphthene	9.88	154	742064	40.91	ng		98
52) 3-Nitroaniline	9.80	138	129260	22.51	ng		99
53) 2,4-Dinitrophenol	9.91	184	178047	89.27	ng	#	88
54) Dibenzofuran	10.06	168	982928	41.40	ng	#	88
55) 4-Nitrophenol	9.96	139	348628	79.89	ng		96
56) 2,4-Dinitrotoluene	10.04	165	294733	49.90	ng	#	68
57) Fluorene	10.40	166	677617	37.04	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	188924	45.24	ng	#	52
59) Diethylphthalate	10.28	149	865367	42.31	ng		100
60) 4-Chlorophenyl-phenylether	10.40	204	346855	40.80	ng		89
61) 4-Nitroaniline	10.42	138	213663	38.67	ng		87
62) Azobenzene	10.55	77	1057555	45.33	ng		92
64) 4,6-Dinitro-2-methylphenol	10.44	198	117324	39.97	ng		92
65) n-Nitrosodiphenylamine	10.51	169	672316	36.20	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	209226	37.84	ng	#	76
67) Hexachlorobenzene	10.95	284	244187	39.89	ng	#	88
68) Atrazine	11.04	200	206064	35.61	ng		92
69) Pentachlorophenol	11.14	266	308074	85.04	ng		98
70) Phenanthrene	11.36	178	1253310	41.78	ng		99
71) Anthracene	11.41	178	1081217	36.25	ng		100
72) Carbazole	11.57	167	1166232	41.54	ng		98
73) Di-n-butylphthalate	11.90	149	1274360	39.03	ng	#	98
74) Fluoranthene	12.54	202	1134926	37.32	ng		98
76) Benzidine	12.66	184	429203	26.30	ng		99
77) Pyrene	12.77	202	1216934	44.45	ng		100
79) Butylbenzylphthalate	13.39	149	600332	49.16	ng	#	88
80) Benzo(a)anthracene	13.94	228	923182	44.40	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	146150	18.70	ng	#	93
82) Chrysene	13.99	228	965941	46.96	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	635037	45.55	ng		99
84) Di-n-octyl phthalate	14.56	149	1149150	48.52	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	785183	49.62	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	765371	38.73	ng	#	95
88) Benzo(k)fluoranthene	14.99	252	784923m	45.63	ng		
89) Benzo(a)pyrene	15.30	252	731664	43.73	ng		98
90) Dibenzo(a,h)anthracene	16.73	278	638646	45.71	ng		99
91) Benzo(g,h,i)perylene	17.12	276	679837	47.02	ng		99

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

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