Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088541.D
Acq On : 30 Jun 2016 20:58
Operator : UM/SJ
Sample : PB91593BS
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Manual Integrations
APPROVED
SOHIL
7/1/2016 8:05:22 AM

Quant Time: Jul 01 02:38:25 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	157698	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	658533	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	293707	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	578455	20.00	ng		0.00
75) Chrysene-d12	13.97	240	359220	20.00	ng		0.01
86) Perylene-d12	15.36	264	364469	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1203441	114.37	ng		0.02
7) Phenol-d6	6.46	99	1486899	109.36	ng		0.01
23) Nitrobenzene-d5	7.38	82	950985	75.68	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	291770	106.98	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1528705	82.21	ng		0.01
78) Terphenyl-d14	12.91	244	1200206	74.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	166147	31.85	ng	#	29
3) Pyridine	3.18	79	499051	32.97	ng		97
4) n-Nitrosodimethylamine	3.14	42	224575	38.83	ng		88
6) Aniline	6.48	93	464541	23.44	ng		97
8) 2-Chlorophenol	6.60	128	473825	41.90	ng		93
9) Benzaldehyde	6.35	77	7097	0.77	ng		87
10) Phenol	6.47	94	656193	42.29	ng		82
11) bis(2-Chloroethyl)ether	6.56	93	501289	43.32	ng		90
12) 1,3-Dichlorobenzene	6.75	146	419822m	33.74	ng		
13) 1,4-Dichlorobenzene	6.83	146	446126	36.12	ng		97
14) 1,2-Dichlorobenzene	6.99	146	420307	36.35	ng		98
15) Benzyl Alcohol	6.96	79	377310	37.71	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	665727	39.73	ng		91
17) 2-Methylphenol	7.07	107	379204	41.10	ng		97
18) Hexachloroethane	7.34	117	187332	39.21	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	378717	41.47	ng		90
20) 3+4-Methylphenols	7.23	107	485395	43.84	ng	#	80
22) Acetophenone	7.23	105	613059	38.36	ng	#	84
24) Nitrobenzene	7.40	77	576319	45.49	ng		90
25) Isophorone	7.64	82	959534	41.22	ng		96
26) 2-Nitrophenol	7.71	139	218208	42.00	ng		93
27) 2,4-Dimethylphenol	7.76	122	427389	39.50	ng		90
28) bis(2-Chloroethoxy)methane	7.86	93	640986	42.31	ng	#	97
29) 2,4-Dichlorophenol	7.96	162	367825	42.06	ng		90
30) 1,2,4-Trichlorobenzene	8.04	180	383477	39.96	ng		99
31) Naphthalene	8.12	128	1287244	39.65	ng		99
32) Benzoic acid	7.90	122	288876	36.77	ng		90
33) 4-Chloroaniline	8.17	127	203076	14.06	ng		97
34) Hexachlorobutadiene	8.25	225	203794	39.66	ng		98
35) Caprolactam	8.55	113	135134m	45.50	ng		
36) 4-Chloro-3-methylphenol	8.66	107	455629	44.06	ng		99
37) 2-Methylnaphthalene	8.81	142	799777	38.26	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	318885	32.64	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	345758	72.11	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	265504	41.22	ng		100
43) 2,4,5-Trichlorophenol	9.14	196	269109	48.56	ng		97
45) 1,1'-Biphenyl	9.28	154	907142	37.30	ng		98
46) 2-Chloronaphthalene	9.30	162	739700	38.74	ng		98
47) 2-Nitroaniline	9.39	65	251399	37.10	ng		96
48) Acenaphthylene	9.71	152	1139826	37.52	ng		100
49) Dimethylphthalate	9.59	163	928729	44.38	ng		100
50) 2,6-Dinitrotoluene	9.64	165	232757	50.19	ng		92
51) Acenaphthene	9.88	154	769431	41.32	ng		99
52) 3-Nitroaniline	9.80	138	136270	23.12	ng		98
53) 2,4-Dinitrophenol	9.91	184	196393	95.91	ng	#	87
54) Dibenzofuran	10.06	168	1024223	42.02	ng	#	87
55) 4-Nitrophenol	9.96	139	393425	87.82	ng		94
56) 2,4-Dinitrotoluene	10.04	165	301866	49.78	ng	#	63
57) Fluorene	10.40	166	697616	37.14	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	190225	44.37	ng	#	49
59) Diethylphthalate	10.28	149	876561	41.74	ng		100
60) 4-Chlorophenyl-phenylether	10.40	204	348149	39.89	ng		91
61) 4-Nitroaniline	10.42	138	210773	37.15	ng		86
62) Azobenzene	10.56	77	1103888	46.09	ng		92
64) 4,6-Dinitro-2-methylphenol	10.44	198	121636	39.31	ng		90
65) n-Nitrosodiphenylamine	10.51	169	697790	35.64	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	214167	36.74	ng	#	75
67) Hexachlorobenzene	10.95	284	256034	39.68	ng	#	87
68) Atrazine	11.04	200	216346	35.46	ng		91
69) Pentachlorophenol	11.14	266	316045	82.76	ng		98
70) Phenanthrene	11.36	178	1293271	40.90	ng		99
71) Anthracene	11.41	178	1081253	34.39	ng		100
72) Carbazole	11.57	167	1237922	41.83	ng		98
73) Di-n-butylphthalate	11.90	149	1301703	37.82	ng	#	99
74) Fluoranthene	12.54	202	1178562	36.77	ng		98
76) Benzidine	12.66	184	486251	26.78	ng		99
77) Pyrene	12.77	202	1270924	41.73	ng		100
79) Butylbenzylphthalate	13.39	149	637341	46.91	ng	#	88
80) Benzo(a)anthracene	13.94	228	1016440	43.94	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	169000	19.43	ng	#	95
82) Chrysene	13.99	228	1032242	45.11	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	653721	42.15	ng		100
84) Di-n-octyl phthalate	14.56	149	1259200	47.79	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	831805	47.24	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	1162114m	50.83	ng		
88) Benzo(k)fluoranthene	14.99	252	628534m	31.58	ng		
89) Benzo(a)pyrene	15.30	252	819221	42.32	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	686974	42.50	ng		99
91) Benzo(g,h,i)perylene	17.12	276	709086	42.39	ng		99

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

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