Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088646.D
Acq On : 3 Jul 2016 13:37
Operator : UM/SJ
Sample : PB91593BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91593BS

Manual Integrations
APPROVED
umangi
7/5/2016 7:52:02 PM

Quant Time: Jul 04 05:44:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114729	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	448727	20.00	ng		-0.03
38) Acenaphthene-d10	9.83	164	215536	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	430371	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	300030	20.00	ng		-0.02
86) Perylene-d12	15.31	264	249374	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	764189	99.83	ng		-0.01
7) Phenol-d6	6.42	99	897874	90.77	ng		-0.02
23) Nitrobenzene-d5	7.35	82	622649	72.72	ng		-0.03
41) 2,4,6-Tribromophenol	10.62	330	233215	116.52	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	1125162	82.46	ng		-0.02
78) Terphenyl-d14	12.88	244	895406	66.47	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	93084	24.53	ng	#	31
3) Pyridine	3.08	79	270436	24.56	ng		95
4) n-Nitrosodimethylamine	3.04	42	119625	28.43	ng		87
6) Aniline	6.44	93	201300	13.96	ng	#	83
8) 2-Chlorophenol	6.57	128	282650	34.35	ng		95
10) Phenol	6.43	94	284990	25.24	ng		72
11) bis(2-Chloroethyl)ether	6.52	93	285773	33.95	ng		89
12) 1,3-Dichlorobenzene	6.73	146	272110m	30.05	ng		
13) 1,4-Dichlorobenzene	6.80	146	273842	30.47	ng		95
14) 1,2-Dichlorobenzene	6.96	146	280182	33.31	ng		96
15) Benzyl Alcohol	6.94	79	254273	34.93	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	360541	29.57	ng		91
17) 2-Methylphenol	7.05	107	259093	38.60	ng		100
18) Hexachloroethane	7.30	117	114625	32.98	ng		94
19) n-Nitroso-di-n-propylamine	7.21	70	211489	31.83	ng	#	83
20) 3+4-Methylphenols	7.20	107	271932	33.76	ng	#	75
22) Acetophenone	7.20	105	387537	35.58	ng	#	88
24) Nitrobenzene	7.37	77	345807	40.05	ng		88
25) Isophorone	7.61	82	560384	35.33	ng		97
26) 2-Nitrophenol	7.69	139	149835	42.32	ng	#	81
27) 2,4-Dimethylphenol	7.74	122	276204	37.46	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	379081	36.73	ng	#	96
29) 2,4-Dichlorophenol	7.93	162	237351	39.83	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	227348	34.76	ng		99
31) Naphthalene	8.09	128	770874	34.85	ng		100
32) Benzoic acid	7.85	122	166474	31.10	ng		93
33) 4-Chloroaniline	8.14	127	108958	11.07	ng		96
34) Hexachlorobutadiene	8.22	225	126010	35.99	ng		99
35) Caprolactam	8.50	113	81534m	40.28	ng		
36) 4-Chloro-3-methylphenol	8.63	107	249446	35.40	ng		93
37) 2-Methylnaphthalene	8.79	142	556501	39.07	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	199489	27.83	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	207912	59.09	ng		99
42) 2,4,6-Trichlorophenol	9.06	196	162275	34.33	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	166347	40.90	ng	#	87
45) 1,1'-Biphenyl	9.24	154	601033	33.68	ng		98
46) 2-Chloronaphthalene	9.27	162	462847	33.03	ng		97
47) 2-Nitroaniline	9.36	65	158448	31.87	ng		93
48) Acenaphthylene	9.68	152	769324	34.51	ng		100
49) Dimethylphthalate	9.55	163	613051	39.92	ng		100
50) 2,6-Dinitrotoluene	9.61	165	145908	42.87	ng	#	72
51) Acenaphthene	9.85	154	543023	39.74	ng		99
52) 3-Nitroaniline	9.77	138	72763	16.82	ng		96
53) 2,4-Dinitrophenol	9.88	184	153633	102.24	ng	#	80
54) Dibenzofuran	10.03	168	696145	38.92	ng		99
55) 4-Nitrophenol	9.94	139	221276	67.30	ng		95
56) 2,4-Dinitrotoluene	10.01	165	178474	40.11	ng	#	60
57) Fluorene	10.36	166	471594	34.21	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	139552	44.35	ng	#	53
59) Diethylphthalate	10.25	149	576629	37.42	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	239908	37.46	ng		97
61) 4-Nitroaniline	10.39	138	142443	34.21	ng		90
62) Azobenzene	10.52	77	693824	39.47	ng		96
64) 4,6-Dinitro-2-methylphenol	10.41	198	84907	36.89	ng	#	76
65) n-Nitrosodiphenylamine	10.48	169	448475	30.79	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	147239	33.95	ng	#	88
67) Hexachlorobenzene	10.91	284	157304	32.77	ng		96
68) Atrazine	11.00	200	134276	29.58	ng		91
69) Pentachlorophenol	11.11	266	194434	68.43	ng		97
70) Phenanthrene	11.32	178	819184	34.82	ng		99
71) Anthracene	11.37	178	763448	32.64	ng		99
72) Carbazole	11.53	167	797332	36.21	ng		100
73) Di-n-butylphthalate	11.87	149	966146	37.73	ng		99
74) Fluoranthene	12.50	202	750465	31.47	ng		97
76) Benzidine	12.63	184	179129	11.81	ng		98
77) Pyrene	12.73	202	805411	31.66	ng		99
79) Butylbenzylphthalate	13.36	149	394162	34.74	ng	#	81
80) Benzo(a)anthracene	13.92	228	675025	34.94	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	124470	17.14	ng		99
82) Chrysene	13.95	228	681818	35.67	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	470373	36.31	ng		98
84) Di-n-octyl phthalate	14.53	149	886580	40.28	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.65	276	531516	36.14	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	595192	38.05	ng	#	97
88) Benzo(k)fluoranthene	14.96	252	587388m	43.13	ng		
89) Benzo(a)pyrene	15.26	252	538976	40.69	ng		100
90) Dibenzo(a,h)anthracene	16.66	278	447661	40.48	ng		98
91) Benzo(g,h,i)perylene	17.05	276	447701	39.12	ng		100

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

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