Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088647.D
Acq On : 3 Jul 2016 14:06
Operator : UM/SJ
Sample : PB91664BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91664BS

Manual Integrations
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7/5/2016 7:51:59 PM

Quant Time: Jul 04 05:46:37 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	122716	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	483007	20.00	ng		-0.03
38) Acenaphthene-d10	9.83	164	234188	20.00	ng		-0.02
63) Phenanthrene-d10	11.30	188	452136	20.00	ng		-0.02
75) Chrysene-d12	13.93	240	317634	20.00	ng		-0.02
86) Perylene-d12	15.31	264	309090	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	831737	101.58	ng		-0.01
7) Phenol-d6	6.43	99	1228541	116.12	ng		-0.01
23) Nitrobenzene-d5	7.35	82	855204	92.79	ng		-0.03
41) 2,4,6-Tribromophenol	10.62	330	306481	140.93	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	1291697	87.12	ng		-0.02
78) Terphenyl-d14	12.88	244	1133549	79.49	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	131383	32.36	ng	#	31
3) Pyridine	3.11	79	386951	32.85	ng		94
4) n-Nitrosodimethylamine	3.07	42	161237	35.83	ng		90
6) Aniline	6.44	93	271075	17.58	ng	#	1
8) 2-Chlorophenol	6.57	128	343097	38.99	ng		99
10) Phenol	6.44	94	451324	37.38	ng		80
11) bis(2-Chloroethyl)ether	6.52	93	322835	35.85	ng		93
12) 1,3-Dichlorobenzene	6.73	146	383244m	39.57	ng		
13) 1,4-Dichlorobenzene	6.80	146	365541	38.03	ng		95
14) 1,2-Dichlorobenzene	6.96	146	374929m	41.67	ng		
15) Benzyl Alcohol	6.94	79	332475	42.70	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.07	45	458268	35.14	ng		91
17) 2-Methylphenol	7.05	107	320939	44.70	ng		97
18) Hexachloroethane	7.30	117	153443	41.27	ng		92
19) n-Nitroso-di-n-propylamine	7.21	70	264023	37.15	ng		92
20) 3+4-Methylphenols	7.20	107	367995	42.71	ng	#	69
22) Acetophenone	7.20	105	500707	42.71	ng	#	87
24) Nitrobenzene	7.37	77	408168	43.92	ng	#	84
25) Isophorone	7.61	82	732883	42.93	ng		96
26) 2-Nitrophenol	7.69	139	206644	54.23	ng	#	89
27) 2,4-Dimethylphenol	7.74	122	370316	46.66	ng		91
28) bis(2-Chloroethoxy)methane	7.83	93	449370	40.45	ng	#	96
29) 2,4-Dichlorophenol	7.93	162	292151	45.54	ng		97
30) 1,2,4-Trichlorobenzene	8.01	180	311948	44.31	ng		98
31) Naphthalene	8.09	128	1005891	42.24	ng		100
32) Benzoic acid	7.86	122	212489	36.87	ng		95
33) 4-Chloroaniline	8.14	127	112568	10.63	ng		97
34) Hexachlorobutadiene	8.22	225	165103	43.80	ng		99
35) Caprolactam	8.51	113	107415m	49.31	ng		
36) 4-Chloro-3-methylphenol	8.64	107	362623	47.81	ng		100
37) 2-Methylnaphthalene	8.79	142	722738	47.14	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	268995	34.53	ng	#	1
40) Hexachlorocyclopentadiene	8.95	237	323126	84.52	ng		98
42) 2,4,6-Trichlorophenol	9.06	196	205130	39.94	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.11	196	208966	47.29	ng	#	85
45) 1,1'-Biphenyl	9.24	154	783888	40.42	ng		98
46) 2-Chloronaphthalene	9.27	162	614415	40.36	ng		97
47) 2-Nitroaniline	9.37	65	243063	44.99	ng	#	82
48) Acenaphthylene	9.69	152	1069077	44.13	ng		99
49) Dimethylphthalate	9.55	163	681798	40.86	ng		100
50) 2,6-Dinitrotoluene	9.61	165	159303	43.08	ng	#	53
51) Acenaphthene	9.86	154	713567	48.06	ng		100
52) 3-Nitroaniline	9.77	138	84759	18.03	ng		89
53) 2,4-Dinitrophenol	9.88	184	145880	89.35	ng		96
54) Dibenzofuran	10.03	168	927607	47.73	ng		95
55) 4-Nitrophenol	9.95	139	324129	90.74	ng	#	71
56) 2,4-Dinitrotoluene	10.01	165	203726	42.14	ng	#	44
57) Fluorene	10.38	166	640102	42.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	172331	50.41	ng	#	49
59) Diethylphthalate	10.25	149	707300	42.24	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	285686	41.05	ng		96
61) 4-Nitroaniline	10.39	138	172937	38.23	ng		85
62) Azobenzene	10.52	77	879888	46.07	ng		96
64) 4,6-Dinitro-2-methylphenol	10.42	198	115943	47.94	ng	#	72
65) n-Nitrosodiphenylamine	10.48	169	610537	39.90	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	199736	43.84	ng		95
67) Hexachlorobenzene	10.91	284	189309	37.53	ng		95
68) Atrazine	11.02	200	207784	43.58	ng		94
69) Pentachlorophenol	11.11	266	221147	74.09	ng		96
70) Phenanthrene	11.32	178	913478	36.96	ng		99
71) Anthracene	11.38	178	1068777	43.49	ng		99
72) Carbazole	11.53	167	890467	38.50	ng		99
73) Di-n-butylphthalate	11.87	149	1167614	43.40	ng		100
74) Fluoranthene	12.50	202	987860	39.43	ng		97
76) Benzidine	12.63	184	267248	16.65	ng		98
77) Pyrene	12.73	202	942705	35.00	ng		99
79) Butylbenzylphthalate	13.36	149	461865	38.45	ng	#	77
80) Benzo(a)anthracene	13.92	228	830031	40.58	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	112211	14.59	ng		99
82) Chrysene	13.95	228	748290	36.98	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	551843	40.24	ng		98
84) Di-n-octyl phthalate	14.54	149	1117327	47.95	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.66	276	740420	47.56	ng	#	100
87) Benzo(b)fluoranthene	14.93	252	1008027m	51.99	ng		
88) Benzo(k)fluoranthene	14.96	252	563501m	33.38	ng		
89) Benzo(a)pyrene	15.27	252	755266	46.01	ng	#	96
90) Dibenzo(a,h)anthracene	16.67	278	609521	44.46	ng		100
91) Benzo(g,h,i)perylene	17.06	276	592005	41.73	ng		98

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

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