Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101762.D
Acq On : 27 Dec 2017 15:13
Operator : SJ/JU
Sample : PB105361BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105361BS

Manual Integrations APPROVED
Sohil
12/28/2017 2:02:56 PM

Quant Time: Dec 28 04:23:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	157336	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	634896	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	294875	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	554190	20.00	ng		0.00
75) Chrysene-d12	13.97	240	381308	20.00	ng		0.00
86) Perylene-d12	15.44	264	333890	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1127827	106.78	ng		0.02
7) Phenol-d6	6.45	99	1301119	98.98	ng		0.01
23) Nitrobenzene-d5	7.36	82	839668	73.62	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	325249	114.47	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1406699	74.00	ng		0.00
78) Terphenyl-d14	12.90	244	1378482	87.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	179951	33.156	ng		96
3) Pyridine	3.37	79	443317	29.399	ng		94
4) n-Nitrosodimethylamine	3.32	42	230268	33.166	ng		99
6) Aniline	6.47	93	116599	6.383	ng	#	1
8) 2-Chlorophenol	6.59	128	414265	37.284	ng		98
9) Benzaldehyde	6.35	77	166231	17.123	ng		97
10) Phenol	6.46	94	507413	33.867	ng		95
11) bis(2-Chloroethyl)ether	6.53	93	432159	36.772	ng		94
12) 1,3-Dichlorobenzene	6.73	146	462563	36.887	ng		98
13) 1,4-Dichlorobenzene	6.80	146	464007	36.234	ng		99
14) 1,2-Dichlorobenzene	6.96	146	406593	35.274	ng		98
15) Benzyl Alcohol	6.95	79	315854	34.909	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	689247	38.321	ng		61
17) 2-Methylphenol	7.06	107	338992	33.168	ng	#	86
18) Hexachloroethane	7.29	117	164081	36.853	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	300566	34.817	ng		96
20) 3+4-Methylphenols	7.22	107	484665	44.750	ng		98
22) Acetophenone	7.20	105	587016	40.521	ng	#	98
24) Nitrobenzene	7.38	77	452514	35.848	ng		98
25) Isophorone	7.62	82	837389	36.599	ng		97
26) 2-Nitrophenol	7.70	139	238265	43.935	ng		96
27) 2,4-Dimethylphenol	7.74	122	375867	40.797	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	529931	36.462	ng		99
29) 2,4-Dichlorophenol	7.95	162	373947	41.084	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	359577	37.435	ng		95
31) Naphthalene	8.09	128	1178852	36.882	ng		99
32) Benzoic acid	7.92	122	251082	41.699	ng		97
33) 4-Chloroaniline	8.17	127	56716	4.083	ng		98
34) Hexachlorobutadiene	8.20	225	210184	37.833	ng		99
35) Caprolactam	8.56	113	129715m	41.042	ng		
36) 4-Chloro-3-methylphenol	8.66	107	370055	36.990	ng		100
37) 2-Methylnaphthalene	8.79	142	779220	37.418	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	377673	37.935	ng		97
40) Hexachlorocyclopentadiene	8.93	237	114937	62.105	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	244330	40.765	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	224832	34.259	ng		94
45) 1,1'-Biphenyl	9.25	154	959726	36.699	ng		99
46) 2-Chloronaphthalene	9.28	162	725280	36.247	ng		97
47) 2-Nitroaniline	9.39	65	247201	35.762	ng		96
48) Acenaphthylene	9.69	152	1058204	33.483	ng		99
49) Dimethylphthalate	9.56	163	804769	33.930	ng		99
50) 2,6-Dinitrotoluene	9.63	165	183637	38.094	ng		94
51) Acenaphthene	9.86	154	653669	34.425	ng		99
52) 3-Nitroaniline	9.81	138	88119	14.662	ng		99
53) 2,4-Dinitrophenol	9.94	184	133040	79.336	ng	#	14
54) Dibenzofuran	10.04	168	941266	39.007	ng		99
55) 4-Nitrophenol	10.00	139	153911	58.729	ng		94
56) 2,4-Dinitrotoluene	10.05	165	249795	45.992	ng	#	95
57) Fluorene	10.38	166	765666	37.508	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	200457	42.515	ng	#	85
59) Diethylphthalate	10.25	149	828754	35.284	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	369552	37.774	ng		90
61) 4-Nitroaniline	10.43	138	144389	23.901	ng		96
62) Azobenzene	10.53	77	820634	33.727	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	101369	35.844	ng		93
65) n-Nitrosodiphenylamine	10.49	169	708658	34.631	ng		96
66) 4-Bromophenyl-phenylether	10.86	248	235758	37.860	ng	#	87
67) Hexachlorobenzene	10.93	284	248524	37.709	ng	#	87
68) Atrazine	11.03	200	239798	39.301	ng		96
69) Pentachlorophenol	11.14	266	202192	78.983	ng		96
70) Phenanthrene	11.35	178	1097483	35.610	ng		99
71) Anthracene	11.40	178	1141254	36.252	ng		100
72) Carbazole	11.56	167	964509	32.724	ng		99
73) Di-n-butylphthalate	11.87	149	1298037	36.284	ng		100
74) Fluoranthene	12.54	202	1140311	35.250	ng		99
77) Pyrene	12.77	202	1158998	40.500	ng		100
79) Butylbenzylphthalate	13.37	149	534760	41.299	ng		98
80) Benzo(a)anthracene	13.96	228	911968	36.220	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	143750	17.510	ng	#	98
82) Chrysene	14.00	228	880955	37.057	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	696951	42.495	ng		99
84) Di-n-octyl phthalate	14.53	149	1109170	37.921	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.93	276	760595	35.928	ng		96
87) Benzo(b)fluoranthene	15.02	252	733410	36.037	ng		99
88) Benzo(k)fluoranthene	15.04	252	710400m	35.902	ng		
89) Benzo(a)pyrene	15.38	252	683647	36.440	ng		100
90) Dibenzo(a,h)anthracene	16.92	278	630247	39.126	ng		99
91) Benzo(g,h,i)perylene	17.37	276	685818	42.997	ng		95

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

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