Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087670.D
Acq On : 4 Jun 2016 17:15
Operator : UM/SJ
Sample : PB91075BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91075BSD

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:23 PM

Quant Time: Jun 05 01:37:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 04 11:07:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	152008	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	640340	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	317946	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	544473	20.00	ng		0.00
75) Chrysene-d12	14.02	240	438055	20.00	ng		0.00
86) Perylene-d12	15.44	264	379054	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	703044	74.76	ng		0.01
7) Phenol-d6	6.49	99	968726	82.13	ng		0.00
23) Nitrobenzene-d5	7.43	82	642689	58.07	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	267856	83.93	ng		0.01
44) 2-Fluorobiphenyl	9.22	172	1160270	49.35	ng		-0.01
78) Terphenyl-d14	12.97	244	947567	52.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	96135	21.15	ng	#	16
3) Pyridine	3.29	79	308035	25.65	ng		100
4) n-Nitrosodimethylamine	3.23	42	141716	27.93	ng		98
6) Aniline	6.52	93	275962	16.51	ng		99
8) 2-Chlorophenol	6.64	128	302567	27.96	ng		97
9) Benzaldehyde	6.40	77	21211	2.66	ng		88
10) Phenol	6.50	94	430589	32.06	ng		95
11) bis(2-Chloroethyl)ether	6.59	93	259975	26.64	ng		99
12) 1,3-Dichlorobenzene	6.80	146	311749	26.91	ng		99
13) 1,4-Dichlorobenzene	6.88	146	329004	28.30	ng		99
14) 1,2-Dichlorobenzene	7.03	146	287417m	26.37	ng		
15) Benzyl Alcohol	7.00	79	233471	26.79	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	391278	27.50	ng		97
17) 2-Methylphenol	7.12	107	262741	30.24	ng		95
18) Hexachloroethane	7.38	117	116958	28.77	ng		92
19) n-Nitroso-di-n-propylamine	7.28	70	197314	26.79	ng		97
20) 3+4-Methylphenols	7.27	107	304914	28.64	ng		93
22) Acetophenone	7.27	105	408171	28.14	ng	#	81
24) Nitrobenzene	7.44	77	283082	25.56	ng	#	86
25) Isophorone	7.69	82	576361	28.60	ng		97
26) 2-Nitrophenol	7.76	139	146220	28.41	ng		96
27) 2,4-Dimethylphenol	7.80	122	317130	29.73	ng		100
28) bis(2-Chloroethoxy)methane	7.90	93	337185	26.38	ng		97
29) 2,4-Dichlorophenol	8.00	162	249637	28.50	ng		99
30) 1,2,4-Trichlorobenzene	8.09	180	264635	28.85	ng		99
31) Naphthalene	8.17	128	928068	29.81	ng		99
32) Benzoic acid	7.92	122	205585	31.95	ng		97
33) 4-Chloroaniline	8.22	127	166596	12.32	ng		95
34) Hexachlorobutadiene	8.30	225	132859	27.86	ng		98
35) Caprolactam	8.58	113	84339m	29.31	ng		
36) 4-Chloro-3-methylphenol	8.70	107	259456	28.63	ng		98
37) 2-Methylnaphthalene	8.86	142	570842	27.76	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	237316	27.08	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	265663	51.54	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	170728	25.80	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	181020	29.39	ng	#	92
45) 1,1'-Biphenyl	9.32	154	664520	25.75	ng		99
46) 2-Chloronaphthalene	9.35	162	533292	25.96	ng		100
47) 2-Nitroaniline	9.44	65	154002	26.63	ng		99
48) Acenaphthylene	9.77	152	893306	27.89	ng		99
49) Dimethylphthalate	9.63	163	676223	29.26	ng		100
50) 2,6-Dinitrotoluene	9.69	165	159133	30.26	ng		97
51) Acenaphthene	9.94	154	591721	28.71	ng		99
52) 3-Nitroaniline	9.85	138	96703	16.08	ng		94
53) 2,4-Dinitrophenol	9.95	184	129360	55.45	ng		91
54) Dibenzofuran	10.11	168	815558	29.06	ng		98
55) 4-Nitrophenol	10.01	139	251865	48.99	ng		94
56) 2,4-Dinitrotoluene	10.09	165	218436	32.62	ng	#	86
57) Fluorene	10.46	166	574655	26.20	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	154436	29.11	ng	#	57
59) Diethylphthalate	10.33	149	621915	26.79	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	254061	25.46	ng		97
61) 4-Nitroaniline	10.47	138	156571	27.07	ng		97
62) Azobenzene	10.60	77	690072	29.53	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	85963	29.23	ng		94
65) n-Nitrosodiphenylamine	10.56	169	515481	28.91	ng		100
66) 4-Bromophenyl-phenylether	10.94	248	170125	31.51	ng		100
67) Hexachlorobenzene	10.99	284	171051	28.33	ng		98
68) Atrazine	11.10	200	166318	31.48	ng		99
69) Pentachlorophenol	11.19	266	208481	58.12	ng		99
70) Phenanthrene	11.40	178	818880	27.74	ng		100
71) Anthracene	11.46	178	897448	30.34	ng		100
72) Carbazole	11.61	167	763123	27.25	ng		100
73) Di-n-butylphthalate	11.95	149	955215	31.82	ng		100
74) Fluoranthene	12.59	202	887978	30.57	ng		99
76) Benzidine	12.72	184	268728	15.56	ng		99
77) Pyrene	12.82	202	899421	28.83	ng		99
79) Butylbenzylphthalate	13.45	149	420683	31.69	ng		100
80) Benzo(a)anthracene	14.01	228	710946	28.12	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	123663	17.34	ng		98
82) Chrysene	14.05	228	713089	28.34	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	481712	30.49	ng		99
84) Di-n-octyl phthalate	14.62	149	867793	29.55	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	605691	29.12	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	728007	29.52	ng		100
88) Benzo(k)fluoranthene	15.06	252	553570m	26.98	ng		
89) Benzo(a)pyrene	15.38	252	590837	28.50	ng		99
90) Dibenzo(a,h)anthracene	16.86	278	502935	28.51	ng		99
91) Benzo(g,h,i)perylene	17.26	276	503280	28.28	ng		99

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

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