Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060416\
Data File : BF087673.D
Acq On : 4 Jun 2016 18:46
Operator : UM/SJ
Sample : PB91074BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB91074BS

Manual Integrations APPROVED
SOHIL
6/6/2016 7:18:28 PM

Quant Time: Jun 05 01:46:13 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	110907	20.00	ng		-0.01
21) Naphthalene-d8	8.15	136	473953	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	218300	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	395257	20.00	ng		0.00
75) Chrysene-d12	14.02	240	293635	20.00	ng		0.00
86) Perylene-d12	15.44	264	251960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	751647	109.54	ng		0.01
7) Phenol-d6	6.49	99	1018426	118.35	ng		0.00
23) Nitrobenzene-d5	7.43	82	668061	81.55	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	288213	131.53	ng		0.01
44) 2-Fluorobiphenyl	9.23	172	1215729	85.71	ng		0.00
78) Terphenyl-d14	12.97	244	986779	82.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	105093	31.69	ng	#	24
3) Pyridine	3.28	79	335656	38.31	ng		96
4) n-Nitrosodimethylamine	3.23	42	146944	39.70	ng		99
6) Aniline	6.52	93	271862	22.29	ng		98
8) 2-Chlorophenol	6.64	128	318109	40.29	ng		97
9) Benzaldehyde	6.40	77	18143	3.12	ng		88
10) Phenol	6.50	94	426989	43.58	ng		94
11) bis(2-Chloroethyl)ether	6.59	93	278080	39.06	ng		99
12) 1,3-Dichlorobenzene	6.80	146	325308	38.48	ng		99
13) 1,4-Dichlorobenzene	6.88	146	347864	41.01	ng		99
14) 1,2-Dichlorobenzene	7.03	146	299705m	37.69	ng		
15) Benzyl Alcohol	7.00	79	242024	38.07	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	409919	39.48	ng		97
17) 2-Methylphenol	7.12	107	284702	44.91	ng		95
18) Hexachloroethane	7.37	117	119869	40.41	ng	#	83
19) n-Nitroso-di-n-propylamine	7.28	70	208651	38.82	ng		97
20) 3+4-Methylphenols	7.27	107	316178	40.70	ng		91
22) Acetophenone	7.27	105	426356	39.72	ng	#	81
24) Nitrobenzene	7.44	77	302143	36.85	ng	#	86
25) Isophorone	7.69	82	606758	40.68	ng		96
26) 2-Nitrophenol	7.76	139	154843	40.65	ng		97
27) 2,4-Dimethylphenol	7.80	122	333510	42.24	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	354154	37.44	ng		97
29) 2,4-Dichlorophenol	8.00	162	260472	40.17	ng		100
30) 1,2,4-Trichlorobenzene	8.09	180	283575	41.76	ng		99
31) Naphthalene	8.17	128	969227	42.06	ng		99
32) Benzoic acid	7.92	122	213766	44.88	ng		98
33) 4-Chloroaniline	8.22	127	139709	13.96	ng		95
34) Hexachlorobutadiene	8.30	225	139540	39.53	ng		98
35) Caprolactam	8.58	113	92139m	43.26	ng		
36) 4-Chloro-3-methylphenol	8.70	107	294936	43.97	ng		97
37) 2-Methylnaphthalene	8.86	142	598796	39.35	ng	#	97
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	246830	41.03	ng	#	1
40) Hexachlorocyclopentadiene	9.02	237	275602	77.88	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	187081	41.17	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	195961	46.34	ng	#	90
45) 1,1'-Biphenyl	9.32	154	689955	38.94	ng		100
46) 2-Chloronaphthalene	9.35	162	553768	39.27	ng		99
47) 2-Nitroaniline	9.44	65	164536	41.43	ng		99
48) Acenaphthylene	9.77	152	936587	42.58	ng		99
49) Dimethylphthalate	9.63	163	723627	45.60	ng		100
50) 2,6-Dinitrotoluene	9.69	165	173497	48.05	ng		94
51) Acenaphthene	9.94	154	641513	45.33	ng		100
52) 3-Nitroaniline	9.85	138	91512	22.16	ng		98
53) 2,4-Dinitrophenol	9.95	184	150175	91.08	ng	#	86
54) Dibenzofuran	10.11	168	866955	45.00	ng		98
55) 4-Nitrophenol	10.01	139	250201	70.88	ng		94
56) 2,4-Dinitrotoluene	10.09	165	228640	49.73	ng	#	80
57) Fluorene	10.46	166	599111	39.78	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.23	232	166125	45.61	ng	#	57
59) Diethylphthalate	10.33	149	649930	40.78	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	269534	47.63	ng		99
61) 4-Nitroaniline	10.47	138	154997	39.04	ng		95
62) Azobenzene	10.60	77	727293	45.33	ng		99
64) 4,6-Dinitro-2-methylphenol	10.49	198	96494	44.09	ng		94
65) n-Nitrosodiphenylamine	10.56	169	564315	43.59	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	191028	48.74	ng		98
67) Hexachlorobenzene	10.99	284	180414	41.16	ng		99
68) Atrazine	11.10	200	174812	45.58	ng		99
69) Pentachlorophenol	11.19	266	231278	88.81	ng		99
70) Phenanthrene	11.41	178	877529	40.95	ng		100
71) Anthracene	11.46	178	958724	44.65	ng		100
72) Carbazole	11.61	167	830012	40.83	ng		99
73) Di-n-butylphthalate	11.95	149	1020183	46.81	ng		100
74) Fluoranthene	12.59	202	930008	44.10	ng		100
76) Benzidine	12.72	184	261440	22.58	ng		98
77) Pyrene	12.82	202	978625	46.80	ng		100
79) Butylbenzylphthalate	13.45	149	447265	50.26	ng		97
80) Benzo(a)anthracene	14.01	228	745312	43.98	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	126542	26.47	ng		98
82) Chrysene	14.05	228	771186	45.72	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	516293	48.75	ng		99
84) Di-n-octyl phthalate	14.62	149	917271	46.59	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.83	276	645891	46.33	ng	#	100
87) Benzo(b)fluoranthene	15.04	252	756547m	46.16	ng		
88) Benzo(k)fluoranthene	15.06	252	570680m	41.85	ng		
89) Benzo(a)pyrene	15.38	252	619238	44.94	ng		100
90) Dibenzo(a,h)anthracene	16.86	278	536072	45.72	ng		99
91) Benzo(g,h,i)perylene	17.26	276	540206	45.67	ng		99

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

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