Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100417\
Data File : BF099072.D
Acq On : 4 Oct 2017 17:44
Operator : SJ/JU
Sample : PB102901BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102901BS

Manual Integrations APPROVED
Sohil
10/5/2017 6:15:36 PM

Quant Time: Oct 05 04:11:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	119538	20.00	ng		-0.06
21) Naphthalene-d8	8.15	136	505405	20.00	ng		-0.05
38) Acenaphthene-d10	9.90	164	230153	20.00	ng		-0.06
63) Phenanthrene-d10	11.39	188	400229	20.00	ng		-0.05
75) Chrysene-d12	14.03	240	262076	20.00	ng		-0.05
86) Perylene-d12	15.50	264	198831	20.00	ng		-0.08
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	933222	124.28	ng		-0.04
7) Phenol-d6	6.50	99	1137832	122.83	ng		-0.05
23) Nitrobenzene-d5	7.43	82	690081	87.56	ng		-0.05
41) 2,4,6-Tribromophenol	10.70	330	239351	127.09	ng		-0.05
44) 2-Fluorobiphenyl	9.22	172	1277125	92.64	ng		-0.06
78) Terphenyl-d14	12.97	244	1055524	91.59	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.74	88	129354	36.062	ng		97
3) Pyridine	3.50	79	357936	36.887	ng		96
4) n-Nitrosodimethylamine	3.46	42	157380	38.247	ng		89
6) Aniline	6.53	93	248808	19.901	ng		98
8) 2-Chlorophenol	6.65	128	345659	40.648	ng		99
9) Benzaldehyde	6.42	77	160318	29.835	ng		97
10) Phenol	6.51	94	421228	40.659	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	327037	40.606	ng		97
12) 1,3-Dichlorobenzene	6.80	146	364243	40.899	ng		98
13) 1,4-Dichlorobenzene	6.88	146	374241	41.302	ng		100
14) 1,2-Dichlorobenzene	7.03	146	345018	41.209	ng		100
15) Benzyl Alcohol	7.00	79	284023	41.795	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	499474	39.805	ng		96
17) 2-Methylphenol	7.12	107	291591	41.907	ng		98
18) Hexachloroethane	7.37	117	129101	39.639	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	231081	39.072	ng		95
20) 3+4-Methylphenols	7.27	107	350843	39.858	ng	#	80
22) Acetophenone	7.27	105	467478	38.177	ng	#	99
24) Nitrobenzene	7.45	77	351489	39.317	ng		94
25) Isophorone	7.69	82	662388	40.653	ng		100
26) 2-Nitrophenol	7.76	139	191617	44.572	ng		96
27) 2,4-Dimethylphenol	7.80	122	329255	40.555	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	422760	41.634	ng		98
29) 2,4-Dichlorophenol	8.00	162	292565	41.972	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	291325	41.787	ng		98
31) Naphthalene	8.17	128	981860	41.364	ng		99
32) Benzoic acid	7.92	122	196853	29.518	ng		96
33) 4-Chloroaniline	8.22	127	74359	7.502	ng		96
34) Hexachlorobutadiene	8.28	225	142362	39.645	ng		99
35) Caprolactam	8.59	113	107107m	47.902	ng		
36) 4-Chloro-3-methylphenol	8.70	107	313846	40.058	ng		99
37) 2-Methylnaphthalene	8.86	142	690011	44.716	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	261599	38.113	ng		99
40) Hexachlorocyclopentadiene	9.01	237	194014	61.852	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	193958	39.888	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	200933	41.395	ng		95
45) 1,1'-Biphenyl	9.33	154	793117	40.096	ng		98
46) 2-Chloronaphthalene	9.35	162	616561	41.515	ng		98
47) 2-Nitroaniline	9.45	65	187521	41.236	ng		100
48) Acenaphthylene	9.77	152	947609	41.681	ng		100
49) Dimethylphthalate	9.63	163	724074	41.684	ng		100
50) 2,6-Dinitrotoluene	9.69	165	164338	43.456	ng	#	83
51) Acenaphthene	9.94	154	561585	38.995	ng		99
52) 3-Nitroaniline	9.86	138	81547	18.494	ng		90
53) 2,4-Dinitrophenol	9.97	184	145226	74.215	ng		99
54) Dibenzofuran	10.11	168	839507	43.781	ng		99
55) 4-Nitrophenol	10.02	139	273236	73.283	ng		92
56) 2,4-Dinitrotoluene	10.10	165	216960	44.206	ng		90
57) Fluorene	10.46	166	650223	42.189	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	149459	44.573	ng		98
59) Diethylphthalate	10.33	149	705616	41.571	ng		97
60) 4-Chlorophenyl-phenylether	10.45	204	290046	41.895	ng		94
61) 4-Nitroaniline	10.47	138	183110	43.043	ng		94
62) Azobenzene	10.60	77	675819	43.303	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	100026	41.077	ng		87
65) n-Nitrosodiphenylamine	10.56	169	584498	42.156	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	168699	43.062	ng		96
67) Hexachlorobenzene	11.00	284	171292	40.938	ng		96
68) Atrazine	11.09	200	180938	43.374	ng		98
69) Pentachlorophenol	11.20	266	179063	68.763	ng		99
70) Phenanthrene	11.42	178	915110	42.716	ng		99
71) Anthracene	11.47	178	951435	43.405	ng		100
72) Carbazole	11.62	167	883367	41.153	ng		100
73) Di-n-butylphthalate	11.95	149	1078918	41.758	ng		100
74) Fluoranthene	12.60	202	909308	41.916	ng		99
76) Benzidine	12.72	184	285526	29.456	ng		98
77) Pyrene	12.83	202	931266	46.600	ng		99
79) Butylbenzylphthalate	13.44	149	448928	47.798	ng		95
80) Benzo(a)anthracene	14.02	228	674966	42.533	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	119517	20.544	ng		99
82) Chrysene	14.06	228	629463	41.663	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	614101	47.485	ng	#	99
84) Di-n-octyl phthalate	14.61	149	920112	44.185	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	511444	42.318	ng		96
87) Benzo(b)fluoranthene	15.07	252	539265	44.112	ng		96
88) Benzo(k)fluoranthene	15.10	252	480058	39.758	ng		98
89) Benzo(a)pyrene	15.44	252	482287	42.978	ng	#	96
90) Dibenzo(a,h)anthracene	17.00	278	424798	47.302	ng		97
91) Benzo(g,h,i)perylene	17.44	276	439491	49.508	ng		98

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

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