Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
Data File : BF099094.D
Acq On : 5 Oct 2017 10:12
Operator : SJ/JU
Sample : PB102887BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102887BS

Manual Integrations APPROVED
Sohil
10/6/2017 5:34:45 PM

Quant Time: Oct 06 14:14:37 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145434	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	609123	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	283487	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	502177	20.00	ng		0.00
75) Chrysene-d12	14.04	240	372540	20.00	ng		0.00
86) Perylene-d12	15.50	264	319293	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1092322	119.56	ng		0.02
7) Phenol-d6	6.50	99	1347440	119.56	ng		0.00
23) Nitrobenzene-d5	7.43	82	821426	86.48	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	288475	124.36	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1452225	85.52	ng		0.00
78) Terphenyl-d14	12.97	244	1298938	79.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	137592	31.528	ng		97
3) Pyridine	3.49	79	411756	34.878	ng		95
4) n-Nitrosodimethylamine	3.45	42	181801	36.315	ng		86
6) Aniline	6.53	93	546151	35.906	ng		98
8) 2-Chlorophenol	6.66	128	409380	39.569	ng		96
9) Benzaldehyde	6.42	77	194286	29.719	ng		93
10) Phenol	6.52	94	519446	41.212	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	388322	39.630	ng		97
12) 1,3-Dichlorobenzene	6.81	146	424364	39.166	ng		98
13) 1,4-Dichlorobenzene	6.89	146	428928	38.908	ng		98
14) 1,2-Dichlorobenzene	7.04	146	398896	39.160	ng		99
15) Benzyl Alcohol	7.01	79	336737	40.729	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	582713	38.170	ng		96
17) 2-Methylphenol	7.12	107	353553	41.765	ng		98
18) Hexachloroethane	7.37	117	153436	38.722	ng		94
19) n-Nitroso-di-n-propylamine	7.29	70	272369	37.853	ng		95
20) 3+4-Methylphenols	7.27	107	417836	39.016	ng	#	82
22) Acetophenone	7.28	105	547856	37.123	ng	#	99
24) Nitrobenzene	7.45	77	425005	39.445	ng		99
25) Isophorone	7.69	82	808792	41.186	ng		99
26) 2-Nitrophenol	7.77	139	237657	45.869	ng		89
27) 2,4-Dimethylphenol	7.80	122	400274	40.908	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	506344	41.375	ng		99
29) 2,4-Dichlorophenol	8.01	162	355630	42.332	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	343465	40.877	ng		99
31) Naphthalene	8.17	128	1159916	40.545	ng		100
32) Benzoic acid	7.94	122	236563	29.432	ng		98
33) 4-Chloroaniline	8.22	127	377582	31.605	ng		96
34) Hexachlorobutadiene	8.29	225	169613	39.192	ng		99
35) Caprolactam	8.60	113	135472m	50.271	ng		
36) 4-Chloro-3-methylphenol	8.70	107	381346	40.386	ng		97
37) 2-Methylnaphthalene	8.86	142	818259	43.998	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	312816	37.000	ng		99
40) Hexachlorocyclopentadiene	9.02	237	275013	71.180	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	230154	38.427	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	244796	40.943	ng		98
45) 1,1'-Biphenyl	9.33	154	932849	38.288	ng		99
46) 2-Chloronaphthalene	9.36	162	736934	40.285	ng		97
47) 2-Nitroaniline	9.45	65	228633	40.818	ng		94
48) Acenaphthylene	9.77	152	1140996	40.745	ng		100
49) Dimethylphthalate	9.63	163	883354	41.286	ng		100
50) 2,6-Dinitrotoluene	9.69	165	201499	43.258	ng		94
51) Acenaphthene	9.95	154	662888	37.369	ng		98
52) 3-Nitroaniline	9.86	138	186280	34.297	ng		97
53) 2,4-Dinitrophenol	9.97	184	190795	78.771	ng		96
54) Dibenzofuran	10.12	168	1000274	42.351	ng		100
55) 4-Nitrophenol	10.03	139	348729	75.934	ng		84
56) 2,4-Dinitrotoluene	10.10	165	264144	43.694	ng		86
57) Fluorene	10.46	166	773430	40.742	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	185301	44.865	ng		97
59) Diethylphthalate	10.33	149	848053	40.563	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	342988	40.222	ng		98
61) 4-Nitroaniline	10.49	138	237535	45.332	ng		91
62) Azobenzene	10.60	77	803517	41.799	ng		97
64) 4,6-Dinitro-2-methylphenol	10.51	198	127151	41.616	ng		85
65) n-Nitrosodiphenylamine	10.57	169	702393	40.374	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	207374	42.188	ng		100
67) Hexachlorobenzene	11.00	284	206952	39.420	ng		96
68) Atrazine	11.09	200	226216	43.219	ng		100
69) Pentachlorophenol	11.20	266	214218	65.563	ng		98
70) Phenanthrene	11.42	178	1108717	41.247	ng		99
71) Anthracene	11.47	178	1155805	42.024	ng		99
72) Carbazole	11.63	167	1094521	40.638	ng		99
73) Di-n-butylphthalate	11.95	149	1323973	40.840	ng		100
74) Fluoranthene	12.61	202	1153060	42.362	ng		97
76) Benzidine	12.73	184	652575	47.360	ng		98
77) Pyrene	12.84	202	1191197	41.932	ng		100
79) Butylbenzylphthalate	13.44	149	586921	43.961	ng		96
80) Benzo(a)anthracene	14.02	228	982756	43.565	ng		99
81) 3,3'-Dichlorobenzidine	13.99	252	269215	32.555	ng		99
82) Chrysene	14.06	228	908774	42.315	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	798679	43.446	ng	#	99
84) Di-n-octyl phthalate	14.61	149	1315723	44.448	ng		96
85) Indeno(1,2,3-cd)pyrene	17.00	276	756398	44.028	ng		96
87) Benzo(b)fluoranthene	15.07	252	878500m	44.750	ng		
88) Benzo(k)fluoranthene	15.11	252	779714	40.212	ng		99
89) Benzo(a)pyrene	15.45	252	782847	43.443	ng	#	97
90) Dibenzo(a,h)anthracene	17.01	278	627326	43.499	ng	#	95
91) Benzo(g,h,i)perylene	17.45	276	638296	44.776	ng		96

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

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