Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100617\
Data File : BF099149.D
Acq On : 6 Oct 2017 16:05
Operator : SJ/JU
Sample : PB102939BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB102939BS

Manual Integrations APPROVED
Sohil
10/9/2017 6:32:42 PM

Quant Time: Oct 06 23:06:23 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	6.86	152	135529	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	553565	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	251205	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	438961	20.00	ng		0.00
75) Chrysene-d12	14.03	240	266040	20.00	ng		0.00
86) Perylene-d12	15.50	264	214430	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1004834	118.03	ng		0.02
7) Phenol-d6	6.51	99	1227171	116.84	ng		0.01
23) Nitrobenzene-d5	7.43	82	744627	86.26	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	256220	124.65	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1331931	88.52	ng		0.00
78) Terphenyl-d14	12.97	244	1075300	91.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	148867	36.60	ng		96
3) Pyridine	3.50	79	428776	38.97	ng		94
4) n-Nitrosodimethylamine	3.46	42	175250	37.56	ng		89
6) Aniline	6.53	93	397555	28.05	ng		98
8) 2-Chlorophenol	6.66	128	389510	40.40	ng		96
9) Benzaldehyde	6.42	77	155471	25.52	ng		95
10) Phenol	6.52	94	479598	40.83	ng		98
11) bis(2-Chloroethyl)ether	6.60	93	376099	41.19	ng		98
12) 1,3-Dichlorobenzene	6.80	146	419218	41.52	ng		98
13) 1,4-Dichlorobenzene	6.88	146	418106	40.70	ng		99
14) 1,2-Dichlorobenzene	7.04	146	385832	40.65	ng		96
15) Benzyl Alcohol	7.01	79	309410	40.16	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	541739	38.08	ng		95
17) 2-Methylphenol	7.12	107	330999	41.96	ng		99
18) Hexachloroethane	7.37	117	149607	40.52	ng		96
19) n-Nitroso-di-n-propylamine	7.28	70	252541	37.66	ng		94
20) 3+4-Methylphenols	7.27	107	378824	37.96	ng	#	74
22) Acetophenone	7.27	105	513472	38.28	ng		95
24) Nitrobenzene	7.45	77	395604	40.40	ng		96
25) Isophorone	7.69	82	737827	41.34	ng		100
26) 2-Nitrophenol	7.76	139	224656	47.71	ng		93
27) 2,4-Dimethylphenol	7.80	122	343383	38.62	ng		100
28) bis(2-Chloroethoxy)methane	7.89	93	471980	42.44	ng		99
29) 2,4-Dichlorophenol	8.01	162	315817	41.37	ng		96
30) 1,2,4-Trichlorobenzene	8.09	180	327244	42.86	ng		100
31) Naphthalene	8.17	128	1097950	42.23	ng		99
32) Benzoic acid	7.95	122	240929	32.98	ng		96
33) 4-Chloroaniline	8.22	127	193299	17.80	ng		98
34) Hexachlorobutadiene	8.28	225	162697	41.37	ng		99
35) Caprolactam	8.60	113	120629m	49.26	ng		
36) 4-Chloro-3-methylphenol	8.70	107	349541	40.73	ng		96
37) 2-Methylnaphthalene	8.86	142	766402	45.35	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	293463	39.17	ng		100
40) Hexachlorocyclopentadiene	9.01	237	243115	71.01	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	217007	40.89	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	227342	42.91	ng		93
45) 1,1'-Biphenyl	9.33	154	868442	40.23	ng		99
46) 2-Chloronaphthalene	9.35	162	685926	42.32	ng		97
47) 2-Nitroaniline	9.45	65	208676	42.04	ng		94
48) Acenaphthylene	9.77	152	1047740	42.22	ng		100
49) Dimethylphthalate	9.63	163	801899	42.30	ng		100
50) 2,6-Dinitrotoluene	9.69	165	183834	44.54	ng		86
51) Acenaphthene	9.94	154	612980	39.00	ng		98
52) 3-Nitroaniline	9.86	138	155925	32.40	ng		90
53) 2,4-Dinitrophenol	9.97	184	142056	67.12	ng		99
54) Dibenzofuran	10.11	168	926889	44.29	ng		98
55) 4-Nitrophenol	10.03	139	301261	74.03	ng		88
56) 2,4-Dinitrotoluene	10.10	165	240562	44.91	ng	#	89
57) Fluorene	10.45	166	711616	42.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	171661	46.90	ng		98
59) Diethylphthalate	10.33	149	784827	42.36	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	316126	41.84	ng		98
61) 4-Nitroaniline	10.48	138	205163	44.19	ng		90
62) Azobenzene	10.60	77	731487	42.94	ng		94
64) 4,6-Dinitro-2-methylphenol	10.50	198	103194	38.64	ng		90
65) n-Nitrosodiphenylamine	10.56	169	649934	42.74	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	190240	44.28	ng		92
67) Hexachlorobenzene	11.00	284	190947	41.61	ng		99
68) Atrazine	11.09	200	201324	44.00	ng		99
69) Pentachlorophenol	11.20	266	201617	70.59	ng		98
70) Phenanthrene	11.42	178	1026215	43.68	ng		99
71) Anthracene	11.47	178	1052625	43.78	ng		100
72) Carbazole	11.62	167	970719	41.23	ng		99
73) Di-n-butylphthalate	11.94	149	1220223	43.06	ng		99
74) Fluoranthene	12.60	202	1026680	43.15	ng		99
76) Benzidine	12.72	184	238009	24.19	ng		98
77) Pyrene	12.83	202	1032429	50.89	ng		99
79) Butylbenzylphthalate	13.44	149	474990	49.82	ng		99
80) Benzo(a)anthracene	14.02	228	710944	44.13	ng		100
81) 3,3'-Dichlorobenzidine	13.98	252	197731	33.48	ng		98
82) Chrysene	14.06	228	663878	43.29	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	620410	47.26	ng		99
84) Di-n-octyl phthalate	14.61	149	879854	41.62	ng		96
85) Indeno(1,2,3-cd)pyrene	16.99	276	629098	51.28	ng		96
87) Benzo(b)fluoranthene	15.07	252	584907	44.36	ng		97
88) Benzo(k)fluoranthene	15.10	252	504541	38.75	ng		98
89) Benzo(a)pyrene	15.44	252	534940	44.20	ng	#	96
90) Dibenzo(a,h)anthracene	17.00	278	520518	53.74	ng		99
91) Benzo(g,h,i)perylene	17.44	276	554413	57.91	ng		96

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

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