Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100317\
Data File : BF099027.D
Acq On : 3 Oct 2017 13:15
Operator : SJ/JU
Sample : PB102810BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 03 18:55:39 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 03 17:12:12 2017
Response via : Initial Calibration

Instrument : BNA_F
ClientSampleId : PB102810BSD

Manual Integrations APPROVED
Sohil
10/4/2017 7:21:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	139567	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	586037	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	270365	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	475549	20.00	ng		0.00
75) Chrysene-d12	14.04	240	336135	20.00	ng		0.00
86) Perylene-d12	15.52	264	277589	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1095881	125.00	ng		0.02
7) Phenol-d6	6.51	99	1367122	126.40	ng		0.00
23) Nitrobenzene-d5	7.44	82	831213	90.96	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	292180	132.07	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1495692	92.35	ng		0.00
78) Terphenyl-d14	12.99	244	1281293	86.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	149172	35.619	ng		97
3) Pyridine	3.52	79	429788	37.935	ng		95
4) n-Nitrosodimethylamine	3.48	42	185189	38.547	ng		81
6) Aniline	6.54	93	276252	18.925	ng		98
8) 2-Chlorophenol	6.66	128	405900	40.882	ng		97
9) Benzaldehyde	6.43	77	200818	32.009	ng		92
10) Phenol	6.52	94	494648	40.894	ng		97
11) bis(2-Chloroethyl)ether	6.61	93	384742	40.915	ng		99
12) 1,3-Dichlorobenzene	6.82	146	427149	41.080	ng		98
13) 1,4-Dichlorobenzene	6.89	146	431093	40.749	ng		99
14) 1,2-Dichlorobenzene	7.05	146	399502	40.869	ng		98
15) Benzyl Alcohol	7.02	79	335259	42.254	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	584366	39.887	ng		97
17) 2-Methylphenol	7.13	107	352649	43.409	ng		98
18) Hexachloroethane	7.39	117	152154	40.013	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	271213	39.277	ng		93
20) 3+4-Methylphenols	7.28	107	414301	40.312	ng	#	78
22) Acetophenone	7.29	105	549945	38.732	ng	#	97
24) Nitrobenzene	7.46	77	416260	40.156	ng		98
25) Isophorone	7.70	82	791943	41.916	ng		99
26) 2-Nitrophenol	7.77	139	232258	46.593	ng		90
27) 2,4-Dimethylphenol	7.81	122	392600	41.704	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	500393	42.500	ng		100
29) 2,4-Dichlorophenol	8.02	162	354911	43.911	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	340075	42.068	ng		100
31) Naphthalene	8.18	128	1157175	42.042	ng		99
32) Benzoic acid	7.94	122	236786	30.621	ng		98
33) 4-Chloroaniline	8.22	127	92473	8.045	ng		98
34) Hexachlorobutadiene	8.29	225	167851	40.312	ng		98
35) Caprolactam	8.60	113	127891m	49.328	ng		
36) 4-Chloro-3-methylphenol	8.71	107	375936	41.381	ng		95
37) 2-Methylnaphthalene	8.87	142	806875	45.095	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	309361	38.368	ng		99
40) Hexachlorocyclopentadiene	9.02	237	298478	81.003	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	233841	40.938	ng		99
43) 2,4,5-Trichlorophenol	9.19	196	247656	43.432	ng		94
45) 1,1'-Biphenyl	9.33	154	934389	40.213	ng		100
46) 2-Chloronaphthalene	9.36	162	724711	41.540	ng		98
47) 2-Nitroaniline	9.46	65	225679	42.246	ng		98
48) Acenaphthylene	9.78	152	1132612	42.408	ng		100
49) Dimethylphthalate	9.63	163	860794	42.184	ng		99
50) 2,6-Dinitrotoluene	9.70	165	196107	44.144	ng		95
51) Acenaphthene	9.95	154	677001	40.017	ng		99
52) 3-Nitroaniline	9.86	138	90657	17.502	ng		97
53) 2,4-Dinitrophenol	9.98	184	170566	74.202	ng		90
54) Dibenzofuran	10.12	168	1003643	44.556	ng		99
55) 4-Nitrophenol	10.03	139	330581	75.476	ng		91
56) 2,4-Dinitrotoluene	10.10	165	264095	45.806	ng		99
57) Fluorene	10.46	166	768122	42.426	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	181380	46.047	ng		97
59) Diethylphthalate	10.33	149	831950	41.724	ng		98
60) 4-Chlorophenyl-phenylether	10.45	204	345589	42.493	ng		99
61) 4-Nitroaniline	10.49	138	217060	43.435	ng		92
62) Azobenzene	10.62	77	798134	43.534	ng		93
64) 4,6-Dinitro-2-methylphenol	10.52	198	112705	38.953	ng		85
65) n-Nitrosodiphenylamine	10.57	169	694022	42.127	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	201152	43.214	ng		90
67) Hexachlorobenzene	11.01	284	206375	41.511	ng		99
68) Atrazine	11.10	200	225291	45.452	ng		99
69) Pentachlorophenol	11.20	266	218413	70.590	ng		98
70) Phenanthrene	11.43	178	1081729	42.496	ng		99
71) Anthracene	11.48	178	1125462	43.212	ng		99
72) Carbazole	11.63	167	1051908	41.243	ng		100
73) Di-n-butylphthalate	11.95	149	1276934	41.594	ng		100
74) Fluoranthene	12.62	202	1104813	42.862	ng		99
76) Benzidine	12.73	184	291010	23.407	ng		98
77) Pyrene	12.84	202	1128783	44.039	ng		99
79) Butylbenzylphthalate	13.45	149	537504	44.620	ng		97
80) Benzo(a)anthracene	14.03	228	896755	44.058	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	111022	14.879	ng		99
82) Chrysene	14.07	228	831170	42.893	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	718994	43.347	ng	#	99
84) Di-n-octyl phthalate	14.62	149	1150235	43.066	ng		97
85) Indeno(1,2,3-cd)pyrene	17.00	276	688185	44.396	ng		96
87) Benzo(b)fluoranthene	15.08	252	774999m	45.408	ng		
88) Benzo(k)fluoranthene	15.12	252	701025	41.586	ng		99
89) Benzo(a)pyrene	15.46	252	686170	43.798	ng		97
90) Dibenzo(a,h)anthracene	17.02	278	570832	45.529	ng		98
91) Benzo(g,h,i)perylene	17.46	276	585668	47.256	ng		98

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

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