Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099353.D
Acq On : 11 Oct 2017 19:13
Operator : SJ/JU
Sample : PB103129BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103129BS

Manual Integrations APPROVED
Sohil
10/13/2017 12:07:14 PM

Quant Time: Oct 12 01:10:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 16:25:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	113491	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	473584	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	218003	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	388950	20.00	ng		0.00
75) Chrysene-d12	14.02	240	243754	20.00	ng		0.00
86) Perylene-d12	15.48	264	182873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	867238	121.64	ng		0.02
7) Phenol-d6	6.49	99	1037997	118.02	ng		0.00
23) Nitrobenzene-d5	7.42	82	620838	84.07	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	221580	124.21	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1189441	91.08	ng		0.00
78) Terphenyl-d14	12.96	244	992528	92.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	123802	36.353	ng		95
3) Pyridine	3.49	79	340650	36.976	ng		95
4) n-Nitrosodimethylamine	3.45	42	136419	34.920	ng	#	79
6) Aniline	6.52	93	388788	32.754	ng		97
8) 2-Chlorophenol	6.64	128	330749	40.967	ng		97
9) Benzaldehyde	6.40	77	116336	22.804	ng		93
10) Phenol	6.50	94	401349	40.805	ng		99
11) bis(2-Chloroethyl)ether	6.59	93	307614	40.229	ng		96
12) 1,3-Dichlorobenzene	6.79	146	356730	42.190	ng		98
13) 1,4-Dichlorobenzene	6.87	146	360946	41.957	ng		99
14) 1,2-Dichlorobenzene	7.02	146	332559	41.837	ng		98
15) Benzyl Alcohol	7.00	79	256372	39.736	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	434914	36.507	ng		94
17) 2-Methylphenol	7.11	107	275414	41.691	ng		97
18) Hexachloroethane	7.36	117	125281	40.516	ng		99
19) n-Nitroso-di-n-propylamine	7.27	70	203589	36.258	ng		94
20) 3+4-Methylphenols	7.26	107	326546	39.074	ng	#	75
22) Acetophenone	7.26	105	430960	37.559	ng	#	95
24) Nitrobenzene	7.44	77	322454	38.493	ng		94
25) Isophorone	7.67	82	606496	39.723	ng		98
26) 2-Nitrophenol	7.75	139	187468	46.537	ng		89
27) 2,4-Dimethylphenol	7.79	122	310183	40.773	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	386582	40.630	ng		100
29) 2,4-Dichlorophenol	7.99	162	279283	42.759	ng		98
30) 1,2,4-Trichlorobenzene	8.07	180	285792	43.748	ng		98
31) Naphthalene	8.16	128	939995	42.261	ng		100
32) Benzoic acid	7.92	122	171971	27.520	ng		98
33) 4-Chloroaniline	8.20	127	261540	28.158	ng		97
34) Hexachlorobutadiene	8.27	225	138948	41.295	ng		99
35) Caprolactam	8.59	113	91545m	43.693	ng		
36) 4-Chloro-3-methylphenol	8.69	107	286808	39.067	ng		94
37) 2-Methylnaphthalene	8.85	142	650313	44.975	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	258100	39.699	ng		99
40) Hexachlorocyclopentadiene	9.00	237	176343	59.352	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	180219	39.128	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	191139	41.572	ng	#	91
45) 1,1'-Biphenyl	9.31	154	754442	40.267	ng		98
46) 2-Chloronaphthalene	9.34	162	588132	41.808	ng		98
47) 2-Nitroaniline	9.44	65	169692	39.395	ng		90
48) Acenaphthylene	9.76	152	893004	41.468	ng		99
49) Dimethylphthalate	9.62	163	683626	41.549	ng		100
50) 2,6-Dinitrotoluene	9.68	165	155586	43.435	ng	#	86
51) Acenaphthene	9.93	154	529946	38.849	ng		99
52) 3-Nitroaniline	9.85	138	134974	32.316	ng		90
53) 2,4-Dinitrophenol	9.96	184	97446	54.273	ng		88
54) Dibenzofuran	10.10	168	782328	43.073	ng		99
55) 4-Nitrophenol	10.02	139	234583	66.422	ng	#	81
56) 2,4-Dinitrotoluene	10.09	165	201596	43.364	ng	#	91
57) Fluorene	10.44	166	611359	41.878	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	140678	44.292	ng		96
59) Diethylphthalate	10.31	149	650470	40.458	ng		98
60) 4-Chlorophenyl-phenylether	10.43	204	276365	42.144	ng		97
61) 4-Nitroaniline	10.47	138	175886	43.649	ng		89
62) Azobenzene	10.59	77	598392	40.479	ng		92
64) 4,6-Dinitro-2-methylphenol	10.50	198	78982	33.375	ng		78
65) n-Nitrosodiphenylamine	10.55	169	552897	41.033	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	165269	43.410	ng	#	88
67) Hexachlorobenzene	10.99	284	165835	40.783	ng		98
68) Atrazine	11.07	200	169032	41.695	ng		97
69) Pentachlorophenol	11.19	266	152044	60.081	ng		98
70) Phenanthrene	11.40	178	883541	42.438	ng		99
71) Anthracene	11.46	178	903593	42.418	ng		100
72) Carbazole	11.61	167	846376	40.573	ng		100
73) Di-n-butylphthalate	11.93	149	1002217	39.914	ng		99
74) Fluoranthene	12.59	202	891776	42.300	ng		99
76) Benzidine	12.71	184	429322	47.620	ng		98
77) Pyrene	12.82	202	907469	48.822	ng		99
79) Butylbenzylphthalate	13.43	149	409771	46.909	ng		93
80) Benzo(a)anthracene	14.00	228	651033	44.108	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	144214	26.653	ng		97
82) Chrysene	14.04	228	596121	42.422	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	533474	44.351	ng		99
84) Di-n-octyl phthalate	14.59	149	759857	39.232	ng		95
85) Indeno(1,2,3-cd)pyrene	16.97	276	517882	46.071	ng		96
87) Benzo(b)fluoranthene	15.06	252	492489	43.801	ng		99
88) Benzo(k)fluoranthene	15.09	252	459731	41.397	ng		98
89) Benzo(a)pyrene	15.42	252	454318	44.019	ng	#	97
90) Dibenzo(a,h)anthracene	16.98	278	431146	52.198	ng		97
91) Benzo(g,h,i)perylene	17.42	276	458148	56.113	ng		97

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

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