Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101517\
Data File : BF099507.D
Acq On : 15 Oct 2017 12:09
Operator : SJ/JU
Sample : PB103252BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB103252BS

Manual Integrations APPROVED
Sohil
10/16/2017 7:45:23 PM

Quant Time: Oct 16 01:20:22 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	94529	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	390901	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	178529	20.00	ng		-0.01
63) Phenanthrene-d10	11.37	188	319268	20.00	ng		0.00
75) Chrysene-d12	14.02	240	215232	20.00	ng		0.00
86) Perylene-d12	15.48	264	152608	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	831754	140.07	ng		0.01
7) Phenol-d6	6.49	99	999589	136.46	ng		0.00
23) Nitrobenzene-d5	7.42	82	601238	98.64	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	212628	145.55	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	1102957	103.14	ng		0.00
78) Terphenyl-d14	12.95	244	987400	104.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	104800	36.946	ng		93
3) Pyridine	3.46	79	285994	37.271	ng		92
4) n-Nitrosodimethylamine	3.41	42	118037	36.275	ng		79
6) Aniline	6.51	93	342995	34.693	ng		97
8) 2-Chlorophenol	6.63	128	291733	43.383	ng		95
9) Benzaldehyde	6.40	77	96398	22.686	ng		95
10) Phenol	6.50	94	358667	43.780	ng		98
11) bis(2-Chloroethyl)ether	6.58	93	273363	42.921	ng		98
12) 1,3-Dichlorobenzene	6.79	146	307682	43.689	ng		97
13) 1,4-Dichlorobenzene	6.86	146	313669	43.776	ng		98
14) 1,2-Dichlorobenzene	7.02	146	288213	43.531	ng		98
15) Benzyl Alcohol	6.99	79	217578	40.488	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	379024	38.197	ng		90
17) 2-Methylphenol	7.10	107	239113	43.457	ng		99
18) Hexachloroethane	7.35	117	110751	43.001	ng		97
19) n-Nitroso-di-n-propylamine	7.26	70	178498	38.166	ng		94
20) 3+4-Methylphenols	7.26	107	281092	40.382	ng	#	74
22) Acetophenone	7.26	105	376167	39.718	ng	#	96
24) Nitrobenzene	7.43	77	288254	41.688	ng		92
25) Isophorone	7.67	82	534891	42.444	ng		98
26) 2-Nitrophenol	7.75	139	161688	48.628	ng		91
27) 2,4-Dimethylphenol	7.78	122	256232	40.806	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	342880	43.659	ng		99
29) 2,4-Dichlorophenol	7.99	162	243045	45.081	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	246064	45.634	ng		99
31) Naphthalene	8.15	128	817941	44.552	ng		100
32) Benzoic acid	7.92	122	132630	25.713	ng		97
33) 4-Chloroaniline	8.20	127	244491	31.890	ng		98
34) Hexachlorobutadiene	8.26	225	120614	43.428	ng		99
35) Caprolactam	8.58	113	79657m	46.061	ng		
36) 4-Chloro-3-methylphenol	8.69	107	252585	41.682	ng		95
37) 2-Methylnaphthalene	8.84	142	568345	47.620	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	226524	42.546	ng		99
40) Hexachlorocyclopentadiene	8.99	237	153702	63.170	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	156726	41.551	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	160249	42.560	ng		93
45) 1,1'-Biphenyl	9.30	154	653938	42.620	ng		99
46) 2-Chloronaphthalene	9.33	162	517144	44.890	ng		96
47) 2-Nitroaniline	9.43	65	151291	42.889	ng		91
48) Acenaphthylene	9.75	152	779809	44.218	ng		100
49) Dimethylphthalate	9.60	163	607132	45.058	ng		100
50) 2,6-Dinitrotoluene	9.67	165	136779	46.627	ng	#	85
51) Acenaphthene	9.92	154	460702	41.240	ng		100
52) 3-Nitroaniline	9.85	138	120296	35.170	ng		93
53) 2,4-Dinitrophenol	9.96	184	98885	65.858	ng		96
54) Dibenzofuran	10.09	168	683612	45.960	ng		99
55) 4-Nitrophenol	10.02	139	178355	61.667	ng		90
56) 2,4-Dinitrotoluene	10.08	165	172843	45.400	ng		95
57) Fluorene	10.43	166	548503	45.880	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	120613	46.372	ng		95
59) Diethylphthalate	10.30	149	574657	43.646	ng		98
60) 4-Chlorophenyl-phenylether	10.42	204	243336	45.312	ng		95
61) 4-Nitroaniline	10.46	138	157595	47.757	ng		91
62) Azobenzene	10.58	77	543610	44.904	ng		95
64) 4,6-Dinitro-2-methylphenol	10.49	198	76633	39.451	ng		81
65) n-Nitrosodiphenylamine	10.55	169	495050	44.759	ng		99
66) 4-Bromophenyl-phenylether	10.91	248	141874	45.398	ng		94
67) Hexachlorobenzene	10.98	284	144913	43.416	ng		96
68) Atrazine	11.07	200	153614	46.162	ng		97
69) Pentachlorophenol	11.18	266	118196	56.899	ng		97
70) Phenanthrene	11.40	178	784163	45.886	ng		99
71) Anthracene	11.45	178	810885	46.374	ng		99
72) Carbazole	11.60	167	764837	44.666	ng		99
73) Di-n-butylphthalate	11.92	149	928211	45.035	ng		99
74) Fluoranthene	12.59	202	806247	46.590	ng		99
76) Benzidine	12.70	184	347990	43.714	ng		98
77) Pyrene	12.82	202	823817	50.195	ng		100
79) Butylbenzylphthalate	13.42	149	376760	48.845	ng		95
80) Benzo(a)anthracene	14.00	228	612156	46.970	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	130946	27.408	ng		98
82) Chrysene	14.05	228	574756	46.322	ng		98
83) Bis(2-ethylhexyl)phthalate	13.97	149	502072	47.272	ng	#	99
84) Di-n-octyl phthalate	14.59	149	719242	42.056	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.97	276	442309	44.563	ng		96
87) Benzo(b)fluoranthene	15.06	252	447912	47.737	ng		98
88) Benzo(k)fluoranthene	15.08	252	420299	45.352	ng		99
89) Benzo(a)pyrene	15.42	252	406013	47.140	ng		98
90) Dibenzo(a,h)anthracene	16.97	278	371153	53.846	ng		96
91) Benzo(g,h,i)perylene	17.42	276	390973	57.383	ng		94

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

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