Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101917\
Data File : BF099670.D
Acq On : 19 Oct 2017 21:23
Operator : SJ/JU
Sample : PB103438BSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103438BSD

Manual Integrations APPROVED
Sohil
10/23/2017 3:15:56 PM

Quant Time: Oct 20 13:36:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 20 13:11:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	93463	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	395772	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	176043	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	269228	20.00	ng		0.00
75) Chrysene-d12	13.99	240	161670	20.00	ng		0.00
86) Perylene-d12	15.44	264	174358	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	428905	73.05	ng		0.02
7) Phenol-d6	6.46	99	507325	70.05	ng		0.00
23) Nitrobenzene-d5	7.39	82	431251	69.88	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	97385	67.60	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	852246	80.82	ng		0.00
78) Terphenyl-d14	12.92	244	570118	80.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	73804	26.316	ng		93
3) Pyridine	3.42	79	193151	25.458	ng		92
4) n-Nitrosodimethylamine	3.37	42	75419	23.442	ng	#	75
6) Aniline	6.49	93	156547	16.015	ng	#	85
8) 2-Chlorophenol	6.61	128	212081	31.897	ng		93
9) Benzaldehyde	6.37	77	52387	12.469	ng		94
10) Phenol	6.48	94	253626	31.311	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	192865	30.627	ng		95
12) 1,3-Dichlorobenzene	6.76	146	222862	32.006	ng		98
13) 1,4-Dichlorobenzene	6.84	146	229102	32.338	ng		97
14) 1,2-Dichlorobenzene	6.99	146	212226	32.420	ng		96
15) Benzyl Alcohol	6.97	79	153260	28.844	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	251706	25.656	ng		74
17) 2-Methylphenol	7.08	107	170941	31.421	ng		97
18) Hexachloroethane	7.33	117	75150	29.511	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	130356	28.190	ng		92
20) 3+4-Methylphenols	7.23	107	216093	31.398	ng	#	63
22) Acetophenone	7.23	105	273887	28.563	ng	#	98
24) Nitrobenzene	7.40	77	199344	28.475	ng		94
25) Isophorone	7.65	82	372041	29.158	ng		96
26) 2-Nitrophenol	7.72	139	114894	34.129	ng		89
27) 2,4-Dimethylphenol	7.76	122	186378	29.316	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	247299	31.101	ng		99
29) 2,4-Dichlorophenol	7.97	162	176609	32.355	ng		95
30) 1,2,4-Trichlorobenzene	8.05	180	181212	33.193	ng		98
31) Naphthalene	8.12	128	597178	32.127	ng		99
32) Benzoic acid	7.89	122	97213	18.615	ng		94
33) 4-Chloroaniline	8.17	127	92856	11.962	ng		96
34) Hexachlorobutadiene	8.23	225	90040	32.021	ng		98
35) Caprolactam	8.55	113	55612	31.761	ng	#	72
36) 4-Chloro-3-methylphenol	8.67	107	176601	28.785	ng		90
37) 2-Methylnaphthalene	8.82	142	410603	33.980	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	167833	31.968	ng		98
40) Hexachlorocyclopentadiene	8.96	237	40991	17.085	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	111579	30.000	ng		99
43) 2,4,5-Trichlorophenol	9.15	196	116344	31.336	ng		93
45) 1,1'-Biphenyl	9.27	154	482778	31.909	ng		99
46) 2-Chloronaphthalene	9.30	162	370147	32.584	ng		96
47) 2-Nitroaniline	9.41	65	100071	28.770	ng	#	83
48) Acenaphthylene	9.72	152	555673	31.954	ng		99
49) Dimethylphthalate	9.57	163	438046	32.969	ng		100
50) 2,6-Dinitrotoluene	9.65	165	94391	32.632	ng		89
51) Acenaphthene	9.89	154	325468	29.546	ng		99
52) 3-Nitroaniline	9.82	138	66317	19.662	ng		96
53) 2,4-Dinitrophenol	9.94	184	31147	25.003	ng	#	84
54) Dibenzofuran	10.06	168	481748	32.846	ng		99
55) 4-Nitrophenol	9.99	139	104859	36.768	ng		86
56) 2,4-Dinitrotoluene	10.06	165	113151	30.141	ng	#	94
57) Fluorene	10.40	166	383257	32.511	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.19	232	80026	31.202	ng		94
59) Diethylphthalate	10.27	149	411990	31.733	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	178778	33.760	ng		96
61) 4-Nitroaniline	10.43	138	79164	24.329	ng		88
62) Azobenzene	10.55	77	356187	29.837	ng		95
64) 4,6-Dinitro-2-methylphenol	10.47	198	29358	17.922	ng	#	80
65) n-Nitrosodiphenylamine	10.52	169	337207	36.154	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	98247	37.281	ng		98
67) Hexachlorobenzene	10.95	284	92727	32.945	ng		98
68) Atrazine	11.04	200	101234	36.076	ng		99
69) Pentachlorophenol	11.16	266	61779	35.268	ng		98
70) Phenanthrene	11.37	178	483298	33.537	ng		99
71) Anthracene	11.42	178	502495	34.078	ng		98
72) Carbazole	11.58	167	437632	30.308	ng		98
73) Di-n-butylphthalate	11.89	149	608394	35.005	ng		99
74) Fluoranthene	12.56	202	414815	28.426	ng		99
76) Benzidine	12.68	184	200338	33.504	ng		97
77) Pyrene	12.79	202	416938	33.821	ng		98
79) Butylbenzylphthalate	13.39	149	196111	33.848	ng		93
80) Benzo(a)anthracene	13.97	228	327280	33.432	ng		98
81) 3,3'-Dichlorobenzidine	13.93	252	101178	28.193	ng		99
82) Chrysene	14.01	228	309308	33.187	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	264619	33.169	ng	#	99
84) Di-n-octyl phthalate	14.56	149	443035	34.488	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.92	276	341059	45.746	ng		96
87) Benzo(b)fluoranthene	15.02	252	321850m	30.023	ng		
88) Benzo(k)fluoranthene	15.05	252	330648	31.227	ng		98
89) Benzo(a)pyrene	15.39	252	323545	32.879	ng	#	96
90) Dibenzo(a,h)anthracene	16.93	278	288545	36.640	ng		98
91) Benzo(g,h,i)perylene	17.36	276	276593	35.531	ng		96

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

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