Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF101117\
Data File : BF099382.D
Acq On : 12 Oct 2017 9:35
Operator : SJ/JU
Sample : PB103152BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB103152BS

Manual Integrations APPROVED
Sohil
10/14/2017 1:03:02 PM

Quant Time: Oct 13 16:44:18 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	105083	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	428256	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	193224	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	316209	20.00	ng		0.00
75) Chrysene-d12	14.02	240	184678	20.00	ng		0.00
86) Perylene-d12	15.48	264	193638	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	548598	83.11	ng		0.02
7) Phenol-d6	6.49	99	655921	80.55	ng		0.00
23) Nitrobenzene-d5	7.42	82	563987	84.46	ng		0.00
41) 2,4,6-Tribromophenol	10.68	330	122677	77.59	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1046473	90.41	ng		0.00
78) Terphenyl-d14	12.96	244	761190	93.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	105320	33.400	ng		97
3) Pyridine	3.48	79	292406	34.279	ng		93
4) n-Nitrosodimethylamine	3.44	42	121951	33.714	ng		80
6) Aniline	6.52	93	317113	28.853	ng		98
8) 2-Chlorophenol	6.64	128	295860	39.577	ng		95
9) Benzaldehyde	6.40	77	100463	21.268	ng		97
10) Phenol	6.50	94	365973	40.185	ng		96
11) bis(2-Chloroethyl)ether	6.59	93	272570	38.498	ng		97
12) 1,3-Dichlorobenzene	6.79	146	314222	40.136	ng		96
13) 1,4-Dichlorobenzene	6.87	146	318495	39.985	ng		98
14) 1,2-Dichlorobenzene	7.02	146	292017	39.676	ng		99
15) Benzyl Alcohol	7.00	79	224250	37.538	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	378503	34.314	ng		93
17) 2-Methylphenol	7.11	107	241167	39.428	ng		100
18) Hexachloroethane	7.36	117	106653	37.251	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	182620	35.125	ng		92
20) 3+4-Methylphenols	7.26	107	287435	37.146	ng	#	74
22) Acetophenone	7.26	105	384233	37.031	ng	#	96
24) Nitrobenzene	7.44	77	286497	37.820	ng		93
25) Isophorone	7.67	82	528831	38.303	ng		98
26) 2-Nitrophenol	7.75	139	154330	42.366	ng		91
27) 2,4-Dimethylphenol	7.79	122	255613	37.156	ng		100
28) bis(2-Chloroethoxy)methane	7.88	93	338742	39.370	ng		99
29) 2,4-Dichlorophenol	7.99	162	241859	40.948	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	247729	41.935	ng		100
31) Naphthalene	8.16	128	822525	40.894	ng		99
32) Benzoic acid	7.90	122	107147	18.961	ng		93
33) 4-Chloroaniline	8.20	127	194392	23.144	ng		97
34) Hexachlorobutadiene	8.27	225	120479	39.596	ng		100
35) Caprolactam	8.59	113	79888m	42.165	ng		
36) 4-Chloro-3-methylphenol	8.69	107	248441	37.422	ng		94
37) 2-Methylnaphthalene	8.85	142	565678	43.263	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	221163	38.380	ng		98
40) Hexachlorocyclopentadiene	9.00	237	83330	31.643	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	153475	37.595	ng		100
43) 2,4,5-Trichlorophenol	9.17	196	159815	39.217	ng	#	93
45) 1,1'-Biphenyl	9.31	154	654161	39.392	ng		99
46) 2-Chloronaphthalene	9.34	162	510873	40.973	ng		97
47) 2-Nitroaniline	9.44	65	147718	38.691	ng		89
48) Acenaphthylene	9.75	152	771521	40.421	ng		100
49) Dimethylphthalate	9.61	163	598215	41.020	ng		99
50) 2,6-Dinitrotoluene	9.68	165	132691	41.793	ng	#	81
51) Acenaphthene	9.93	154	451151	37.314	ng		98
52) 3-Nitroaniline	9.85	138	116041	31.346	ng		87
53) 2,4-Dinitrophenol	9.96	184	17608	15.704	ng		90
54) Dibenzofuran	10.10	168	676991	42.053	ng		99
55) 4-Nitrophenol	10.02	139	165555	52.888	ng		88
56) 2,4-Dinitrotoluene	10.09	165	168616	40.922	ng		90
57) Fluorene	10.44	166	526975	40.727	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	109545	38.913	ng		95
59) Diethylphthalate	10.31	149	564586	39.620	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	238022	40.951	ng		98
61) 4-Nitroaniline	10.46	138	137501	38.499	ng		90
62) Azobenzene	10.59	77	510247	38.942	ng		96
64) 4,6-Dinitro-2-methylphenol	10.49	198	19108	9.932	ng		92
65) n-Nitrosodiphenylamine	10.55	169	471146	43.010	ng		100
66) 4-Bromophenyl-phenylether	10.92	248	137025	44.271	ng		97
67) Hexachlorobenzene	10.99	284	135710	41.052	ng		95
68) Atrazine	11.07	200	143235	43.459	ng		99
69) Pentachlorophenol	11.19	266	101534	49.351	ng		99
70) Phenanthrene	11.40	178	711838	42.056	ng		98
71) Anthracene	11.46	178	728834	42.085	ng		99
72) Carbazole	11.61	167	650549	38.359	ng		99
73) Di-n-butylphthalate	11.93	149	845580	41.423	ng		99
74) Fluoranthene	12.59	202	630448	36.784	ng		97
76) Benzidine	12.71	184	298164	43.651	ng		97
77) Pyrene	12.82	202	619682	44.004	ng		98
79) Butylbenzylphthalate	13.43	149	288532	43.595	ng		91
80) Benzo(a)anthracene	14.00	228	474654	42.445	ng		99
81) 3,3'-Dichlorobenzidine	13.96	252	155678	37.975	ng		99
82) Chrysene	14.04	228	453062	42.555	ng		98
83) Bis(2-ethylhexyl)phthalate	13.98	149	376618	41.327	ng		100
84) Di-n-octyl phthalate	14.59	149	595035	40.550	ng		95
85) Indeno(1,2,3-cd)pyrene	16.97	276	474810	55.752	ng		96
87) Benzo(b)fluoranthene	15.06	252	480938	40.396	ng		99
88) Benzo(k)fluoranthene	15.09	252	451223	38.372	ng		98
89) Benzo(a)pyrene	15.42	252	466557	42.692	ng	#	97
90) Dibenzo(a,h)anthracene	16.98	278	397138	45.408	ng		97
91) Benzo(g,h,i)perylene	17.42	276	385537	44.595	ng		96

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

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