Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF121917\
Data File : BF101543.D
Acq On : 20 Dec 2017 1:49
Operator : SJ/JU
Sample : PB105156BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105156BS

Manual Integrations APPROVED
Sohil
12/20/2017 3:48:15 PM

Quant Time: Dec 20 07:32:15 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 18 15:38:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	165086	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	676404	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	301983	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	507487	20.00	ng		0.00
75) Chrysene-d12	13.99	240	310896	20.00	ng		0.00
86) Perylene-d12	15.46	264	349059	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	1064554	96.06	ng		0.02
7) Phenol-d6	6.46	99	1254414	90.95	ng		0.00
23) Nitrobenzene-d5	7.39	82	1164288	95.82	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	262078	90.07	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1804916	92.72	ng		0.00
78) Terphenyl-d14	12.93	244	1310773	101.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	209617	36.809	ng		96
3) Pyridine	3.39	79	576786	36.454	ng		98
4) n-Nitrosodimethylamine	3.36	42	289262	39.707	ng		97
6) Aniline	6.47	93	520112	27.135	ng	#	59
8) 2-Chlorophenol	6.60	128	469525	40.274	ng		95
9) Benzaldehyde	6.36	77	293284	28.792	ng		97
10) Phenol	6.47	94	594326	37.805	ng		83
11) bis(2-Chloroethyl)ether	6.55	93	492066	39.904	ng		94
12) 1,3-Dichlorobenzene	6.75	146	515134	39.150	ng		98
13) 1,4-Dichlorobenzene	6.83	146	525224	39.089	ng		98
14) 1,2-Dichlorobenzene	6.98	146	465796	38.513	ng		97
15) Benzyl Alcohol	6.96	79	341155	35.935	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	790440	41.884	ng		61
17) 2-Methylphenol	7.07	107	390669	36.429	ng	#	89
18) Hexachloroethane	7.31	117	180253	38.585	ng		97
19) n-Nitroso-di-n-propylamine	7.23	70	332411	36.698	ng		94
20) 3+4-Methylphenols	7.23	107	480812	42.310	ng	#	67
22) Acetophenone	7.22	105	659470	42.729	ng	#	92
24) Nitrobenzene	7.40	77	536203	39.871	ng		95
25) Isophorone	7.63	82	1018251	41.773	ng		97
26) 2-Nitrophenol	7.72	139	261483	45.258	ng		97
27) 2,4-Dimethylphenol	7.75	122	430597	43.870	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	627470	40.523	ng		98
29) 2,4-Dichlorophenol	7.96	162	411613	42.447	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	405134	39.589	ng		97
31) Naphthalene	8.12	128	1326852	38.965	ng		100
32) Benzoic acid	7.91	122	211397	34.623	ng		96
33) 4-Chloroaniline	8.17	127	320372	21.646	ng		97
34) Hexachlorobutadiene	8.22	225	235003	39.705	ng		97
35) Caprolactam	8.56	113	148316m	44.048	ng		
36) 4-Chloro-3-methylphenol	8.67	107	441170	41.392	ng		98
37) 2-Methylnaphthalene	8.80	142	882071	39.758	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	417729	40.971	ng		97
40) Hexachlorocyclopentadiene	8.95	237	35670	31.344	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	264890	43.155	ng		100
43) 2,4,5-Trichlorophenol	9.15	196	265501	39.504	ng		95
45) 1,1'-Biphenyl	9.27	154	1073428	40.081	ng		99
46) 2-Chloronaphthalene	9.30	162	801297	39.103	ng		99
47) 2-Nitroaniline	9.40	65	306330	43.273	ng		87
48) Acenaphthylene	9.72	152	1164868	35.990	ng		100
49) Dimethylphthalate	9.57	163	907758	37.371	ng		99
50) 2,6-Dinitrotoluene	9.65	165	205705	41.667	ng		95
51) Acenaphthene	9.89	154	710816	36.554	ng		99
52) 3-Nitroaniline	9.82	138	158320	25.722	ng		100
53) 2,4-Dinitrophenol	9.95	184	45626	33.432	ng	#	21
54) Dibenzofuran	10.06	168	974860	39.448	ng		98
55) 4-Nitrophenol	10.00	139	198882	74.103	ng		89
56) 2,4-Dinitrotoluene	10.06	165	240558	43.249	ng	#	95
57) Fluorene	10.40	166	802329	38.379	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.19	232	203074	42.056	ng		91
59) Diethylphthalate	10.27	149	926674	38.524	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	391650	39.091	ng		96
61) 4-Nitroaniline	10.44	138	197572	31.935	ng		97
62) Azobenzene	10.55	77	944681	37.911	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	48758	18.827	ng		90
65) n-Nitrosodiphenylamine	10.51	169	768980	41.037	ng		96
66) 4-Bromophenyl-phenylether	10.88	248	248074	43.504	ng	#	84
67) Hexachlorobenzene	10.95	284	245169	40.624	ng		92
68) Atrazine	11.04	200	252549	45.200	ng		95
69) Pentachlorophenol	11.16	266	172516	74.040	ng		99
70) Phenanthrene	11.37	178	1073622	38.042	ng		99
71) Anthracene	11.42	178	1113467	38.624	ng		100
72) Carbazole	11.58	167	1004666	37.223	ng		99
73) Di-n-butylphthalate	11.89	149	1344476	41.041	ng		99
74) Fluoranthene	12.56	202	969253	32.719	ng		99
76) Benzidine	12.68	184	665818	50.707	ng		99
77) Pyrene	12.79	202	981128	42.050	ng		99
79) Butylbenzylphthalate	13.39	149	462913	43.847	ng		98
80) Benzo(a)anthracene	13.98	228	822110	40.046	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	283918	42.415	ng	#	96
82) Chrysene	14.02	228	783222	40.407	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	569958	42.622	ng		100
84) Di-n-octyl phthalate	14.56	149	1000585	41.956	ng		98
85) Indeno(1,2,3-cd)pyrene	16.96	276	801789	46.452	ng		96
87) Benzo(b)fluoranthene	15.03	252	789127	37.090	ng		99
88) Benzo(k)fluoranthene	15.06	252	817413	39.515	ng		99
89) Benzo(a)pyrene	15.40	252	801360	40.858	ng		99
90) Dibenzo(a,h)anthracene	16.96	278	674532	40.056	ng		98
91) Benzo(g,h,i)perylene	17.40	276	649265	38.937	ng		95

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

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