Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021918\
Data File : BF103091.D
Acq On : 19 Feb 2018 19:11
Operator : SJ/JU
Sample : PB106657BS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106657BS

Manual Integrations APPROVED
Sohil
2/20/2018 10:20:44 AM

Quant Time: Feb 20 00:52:49 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	176320	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	718043	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	313488	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	499293	20.00	ng		0.00
75) Chrysene-d12	14.05	240	273743	20.00	ng		0.00
86) Perylene-d12	15.54	264	306957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1309645	112.80	ng		0.02
7) Phenol-d6	6.52	99	1588247	113.61	ng		0.01
23) Nitrobenzene-d5	7.45	82	1034108	99.91	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	307122	121.72	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1571885	83.20	ng		0.00
78) Terphenyl-d14	12.99	244	1163085	100.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	207245	36.140	ng		87
3) Pyridine	3.52	79	602310	38.016	ng		90
4) n-Nitrosodimethylamine	3.47	42	286293	42.234	ng		100
6) Aniline	6.55	93	439670	21.297	ng		95
8) 2-Chlorophenol	6.67	128	491684	41.136	ng		97
9) Benzaldehyde	6.43	77	89232	8.595	ng		98
10) Phenol	6.53	94	604792	40.369	ng		89
11) bis(2-Chloroethyl)ether	6.62	93	487630	39.116	ng		93
12) 1,3-Dichlorobenzene	6.82	146	518192	37.437	ng		96
13) 1,4-Dichlorobenzene	6.89	146	517554	37.536	ng		99
14) 1,2-Dichlorobenzene	7.05	146	476532	37.106	ng		98
15) Benzyl Alcohol	7.02	79	421945	39.259	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	835494	35.281	ng		99
17) 2-Methylphenol	7.13	107	428891	38.900	ng		98
18) Hexachloroethane	7.39	117	189061	39.987	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	324355	35.191	ng		97
20) 3+4-Methylphenols	7.29	107	481789	35.435	ng	#	67
22) Acetophenone	7.29	105	637986	36.309	ng	#	89
24) Nitrobenzene	7.46	77	537049	44.108	ng		97
25) Isophorone	7.70	82	986708	41.398	ng		99
26) 2-Nitrophenol	7.78	139	284504	55.275	ng		94
27) 2,4-Dimethylphenol	7.82	122	442769	43.971	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	612883	43.408	ng		99
29) 2,4-Dichlorophenol	8.02	162	406699	44.429	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	398635	38.495	ng		99
31) Naphthalene	8.19	128	1355179	38.629	ng		99
32) Benzoic acid	7.95	122	301603	43.950	ng		96
33) 4-Chloroaniline	8.23	127	118054	7.811	ng		99
34) Hexachlorobutadiene	8.29	225	200068	37.703	ng		99
35) Caprolactam	8.61	113	144136m	45.340	ng		
36) 4-Chloro-3-methylphenol	8.72	107	451483	43.897	ng		98
37) 2-Methylnaphthalene	8.87	142	903958	39.356	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	351293	41.156	ng		99
40) Hexachlorocyclopentadiene	9.02	237	168517	41.530	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	250501	44.681	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	268809	42.539	ng		96
45) 1,1'-Biphenyl	9.34	154	1029451	38.988	ng		100
46) 2-Chloronaphthalene	9.37	162	827128	39.790	ng		97
47) 2-Nitroaniline	9.46	65	307470	47.939	ng		90
48) Acenaphthylene	9.78	152	1237551	38.331	ng		100
49) Dimethylphthalate	9.64	163	987087	40.383	ng		100
50) 2,6-Dinitrotoluene	9.70	165	219668	47.237	ng		96
51) Acenaphthene	9.95	154	707292	36.632	ng		98
52) 3-Nitroaniline	9.87	138	154724	27.040	ng		96
53) 2,4-Dinitrophenol	9.99	184	157930	91.584	ng	#	19
54) Dibenzofuran	10.13	168	1074303	39.481	ng		99
55) 4-Nitrophenol	10.05	139	333743	71.428	ng		94
56) 2,4-Dinitrotoluene	10.11	165	286967	46.139	ng		96
57) Fluorene	10.47	166	810882	40.959	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	192688	43.996	ng		99
59) Diethylphthalate	10.33	149	941910	39.026	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	364704	41.643	ng		100
61) 4-Nitroaniline	10.49	138	237252	43.560	ng		94
62) Azobenzene	10.62	77	942151	39.075	ng		98
64) 4,6-Dinitro-2-methylphenol	10.52	198	108493	51.055	ng		94
65) n-Nitrosodiphenylamine	10.58	169	738899	41.955	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	223754	42.365	ng		98
67) Hexachlorobenzene	11.02	284	231784	39.780	ng		97
68) Atrazine	11.10	200	222032	42.735	ng		96
69) Pentachlorophenol	11.22	266	211186	61.745	ng		99
70) Phenanthrene	11.43	178	1098900	39.518	ng		99
71) Anthracene	11.49	178	1120331	39.612	ng		99
72) Carbazole	11.64	167	1049772	37.887	ng		99
73) Di-n-butylphthalate	11.96	149	1391690	41.348	ng		100
74) Fluoranthene	12.62	202	950241	33.965	ng		99
76) Benzidine	12.74	184	425264	33.801	ng		98
77) Pyrene	12.85	202	936830	43.643	ng		100
79) Butylbenzylphthalate	13.46	149	490917	47.815	ng		98
80) Benzo(a)anthracene	14.04	228	733115	42.584	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	231583	36.280	ng		100
82) Chrysene	14.08	228	706641	40.718	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	664997	50.571	ng		99
84) Di-n-octyl phthalate	14.63	149	1089556	55.183	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	726680	50.487	ng		98
87) Benzo(b)fluoranthene	15.10	252	783918	39.391	ng		97
88) Benzo(k)fluoranthene	15.14	252	719528	37.839	ng		98
89) Benzo(a)pyrene	15.48	252	751096	41.929	ng		96
90) Dibenzo(a,h)anthracene	17.07	278	614183	42.242	ng		98
91) Benzo(g,h,i)perylene	17.52	276	582382	40.922	ng		97

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

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