Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011118\
Data File : BF102019.D
Acq On : 11 Jan 2018 15:38
Operator : SJ/JU
Sample : PB105579BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB105579BS

Manual Integrations APPROVED
Sohil
1/12/2018 10:37:14 AM

Quant Time: Jan 11 16:39:57 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	205046	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	846653	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	371656	20.00	ng		0.00
63) Phenanthrene-d10	11.25	188	624738	20.00	ng		0.00
75) Chrysene-d12	13.88	240	341961	20.00	ng		0.00
86) Perylene-d12	15.29	264	321440	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1618067	111.43	ng		0.02
7) Phenol-d6	6.37	99	1960836	113.18	ng		0.01
23) Nitrobenzene-d5	7.30	82	1251944	86.89	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	386431	119.14	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	2011358	84.55	ng		0.00
78) Terphenyl-d14	12.83	244	1622724	98.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	240963	33.252	ng		95
3) Pyridine	3.18	79	688083	34.770	ng		95
4) n-Nitrosodimethylamine	3.13	42	348058	42.000	ng		96
6) Aniline	6.40	93	461580	18.905	ng		100
8) 2-Chlorophenol	6.52	128	591382	40.607	ng		99
9) Benzaldehyde	6.27	77	118956	9.889	ng		98
10) Phenol	6.39	94	722514	36.902	ng		95
11) bis(2-Chloroethyl)ether	6.47	93	580831	38.976	ng		98
12) 1,3-Dichlorobenzene	6.67	146	620304	36.949	ng		100
13) 1,4-Dichlorobenzene	6.75	146	626475	37.397	ng		99
14) 1,2-Dichlorobenzene	6.90	146	572666	36.933	ng		100
15) Benzyl Alcohol	6.87	79	482717	38.091	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	1040125	37.862	ng		99
17) 2-Methylphenol	6.99	107	514738	39.180	ng		98
18) Hexachloroethane	7.24	117	230360	39.050	ng		95
19) n-Nitroso-di-n-propylamine	7.15	70	417055	36.733	ng		92
20) 3+4-Methylphenols	7.14	107	570747	36.182	ng	#	73
22) Acetophenone	7.15	105	812196	39.815	ng	#	89
24) Nitrobenzene	7.32	77	627818	40.552	ng		99
25) Isophorone	7.56	82	1178988	41.414	ng		100
26) 2-Nitrophenol	7.63	139	339208	52.348	ng		99
27) 2,4-Dimethylphenol	7.67	122	552440	45.650	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	733477	42.671	ng		99
29) 2,4-Dichlorophenol	7.87	162	500160	43.526	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	464102	38.613	ng		99
31) Naphthalene	8.03	128	1661931	39.284	ng		100
32) Benzoic acid	7.80	122	394508	42.990	ng		97
33) 4-Chloroaniline	8.08	127	111469	6.173	ng		99
34) Hexachlorobutadiene	8.15	225	244911	38.495	ng		99
35) Caprolactam	8.47	113	178476m	45.243	ng		
36) 4-Chloro-3-methylphenol	8.57	107	544439	43.284	ng		99
37) 2-Methylnaphthalene	8.72	142	1132289	40.655	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	417379	39.696	ng		98
40) Hexachlorocyclopentadiene	8.87	237	505805	87.963	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	321163	44.325	ng		97
43) 2,4,5-Trichlorophenol	9.05	196	335532	40.972	ng		99
45) 1,1'-Biphenyl	9.19	154	1288613	39.227	ng		99
46) 2-Chloronaphthalene	9.22	162	975383	38.289	ng		98
47) 2-Nitroaniline	9.31	65	336279	44.069	ng		92
48) Acenaphthylene	9.63	152	1506931	37.275	ng		99
49) Dimethylphthalate	9.50	163	1143714	38.361	ng		100
50) 2,6-Dinitrotoluene	9.56	165	264416	44.399	ng		97
51) Acenaphthene	9.80	154	893852	36.428	ng		99
52) 3-Nitroaniline	9.72	138	160772	21.390	ng		98
53) 2,4-Dinitrophenol	9.83	184	223969	96.415	ng	#	21
54) Dibenzofuran	9.97	168	1316516	39.093	ng		97
55) 4-Nitrophenol	9.89	139	448299	80.035	ng		97
56) 2,4-Dinitrotoluene	9.96	165	346200	46.380	ng		97
57) Fluorene	10.32	166	951586	40.876	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.09	232	252617	43.329	ng		99
59) Diethylphthalate	10.20	149	1137270	38.347	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	410784	41.439	ng		95
61) 4-Nitroaniline	10.34	138	221790	31.093	ng		89
62) Azobenzene	10.47	77	1130413	38.310	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	144550	43.239	ng		91
65) n-Nitrosodiphenylamine	10.43	169	904483	38.663	ng		100
66) 4-Bromophenyl-phenylether	10.80	248	269594	40.863	ng	#	90
67) Hexachlorobenzene	10.86	284	279972	38.872	ng		92
68) Atrazine	10.96	200	282906	41.845	ng		99
69) Pentachlorophenol	11.05	266	311947	71.027	ng		98
70) Phenanthrene	11.27	178	1404971	38.500	ng		98
71) Anthracene	11.32	178	1463475	39.542	ng		100
72) Carbazole	11.48	167	1251159	34.393	ng		100
73) Di-n-butylphthalate	11.82	149	1702371	38.144	ng		99
74) Fluoranthene	12.46	202	1358065	37.825	ng		99
77) Pyrene	12.68	202	1358819	44.954	ng		99
79) Butylbenzylphthalate	13.31	149	635161	45.787	ng		99
80) Benzo(a)anthracene	13.87	228	873078	40.016	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	179951	22.275	ng		99
82) Chrysene	13.90	228	899955	39.558	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	710767	44.665	ng		100
84) Di-n-octyl phthalate	14.48	149	1189372	45.040	ng		98
85) Indeno(1,2,3-cd)pyrene	16.67	276	958918	57.911	ng		95
87) Benzo(b)fluoranthene	14.89	252	815184	38.894	ng		98
88) Benzo(k)fluoranthene	14.92	252	731277	36.169	ng		98
89) Benzo(a)pyrene	15.23	252	764684	40.545	ng	#	96
90) Dibenzo(a,h)anthracene	16.70	278	775634	51.534	ng		98
91) Benzo(g,h,i)perylene	17.09	276	843484	55.635	ng		94

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

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