Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020918\
Data File : BF102892.D
Acq On : 9 Feb 2018 16:48
Operator : SJ/JU
Sample : PB106115BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB106115BS

Manual Integrations APPROVED
Sohil
2/13/2018 4:36:43 AM

Quant Time: Feb 09 22:18:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	174784	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	720923	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	298323	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	430245	20.00	ng		0.00
75) Chrysene-d12	14.06	240	305817	20.00	ng		0.01
86) Perylene-d12	15.54	264	300935	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1290727	112.15	ng		0.02
7) Phenol-d6	6.52	99	1543340	111.37	ng		0.02
23) Nitrobenzene-d5	7.45	82	1026070	98.73	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	251509	104.75	ng		0.01
44) 2-Fluorobiphenyl	9.25	172	1518981	84.49	ng		0.00
78) Terphenyl-d14	13.00	244	1054577	81.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	210499	37.030	ng		89
3) Pyridine	3.50	79	600158	38.213	ng		93
4) n-Nitrosodimethylamine	3.45	42	317153	47.197	ng	#	89
6) Aniline	6.55	93	322935	15.780	ng		94
8) 2-Chlorophenol	6.67	128	474620	40.057	ng		94
9) Benzaldehyde	6.43	77	239965	23.318	ng		96
10) Phenol	6.53	94	607484	40.905	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	488953	39.567	ng		90
12) 1,3-Dichlorobenzene	6.83	146	502174	36.599	ng		96
13) 1,4-Dichlorobenzene	6.90	146	507927	37.162	ng		99
14) 1,2-Dichlorobenzene	7.06	146	465532	36.568	ng		99
15) Benzyl Alcohol	7.03	79	443527	41.630	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	867142	36.939	ng		99
17) 2-Methylphenol	7.14	107	414743	37.948	ng		98
18) Hexachloroethane	7.40	117	178182	38.017	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	342928	37.533	ng		93
20) 3+4-Methylphenols	7.29	107	479852	35.603	ng	#	81
22) Acetophenone	7.30	105	647713	36.715	ng	#	93
24) Nitrobenzene	7.47	77	546938	44.741	ng		95
25) Isophorone	7.70	82	1005780	42.030	ng		96
26) 2-Nitrophenol	7.79	139	252332	49.839	ng		96
27) 2,4-Dimethylphenol	7.82	122	451225	44.632	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	617487	43.559	ng		99
29) 2,4-Dichlorophenol	8.03	162	383481	41.725	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	383480	36.883	ng		98
31) Naphthalene	8.19	128	1329248	37.738	ng		99
32) Benzoic acid	7.93	122	201787	33.177	ng		98
33) 4-Chloroaniline	8.24	127	131861	8.690	ng		96
34) Hexachlorobutadiene	8.30	225	194801	36.564	ng		98
35) Caprolactam	8.62	113	135000m	42.296	ng		
36) 4-Chloro-3-methylphenol	8.72	107	426569	41.309	ng		99
37) 2-Methylnaphthalene	8.89	142	861873	37.374	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	327747	40.349	ng		98
40) Hexachlorocyclopentadiene	9.03	237	86147	22.310	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	234333	43.921	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	238040	39.585	ng		97
45) 1,1'-Biphenyl	9.35	154	978936	38.960	ng		99
46) 2-Chloronaphthalene	9.37	162	771369	38.994	ng		98
47) 2-Nitroaniline	9.47	65	304774	49.789	ng		87
48) Acenaphthylene	9.79	152	1138413	37.053	ng		99
49) Dimethylphthalate	9.65	163	930638	40.009	ng		100
50) 2,6-Dinitrotoluene	9.71	165	194226	43.889	ng	#	86
51) Acenaphthene	9.96	154	672947	36.625	ng		99
52) 3-Nitroaniline	9.87	138	120927	22.208	ng		96
53) 2,4-Dinitrophenol	9.99	184	27035	33.198	ng	#	21
54) Dibenzofuran	10.13	168	991623	38.295	ng		96
55) 4-Nitrophenol	10.04	139	297598	67.184	ng		89
56) 2,4-Dinitrotoluene	10.12	165	241506	41.159	ng		95
57) Fluorene	10.47	166	712127	37.799	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.25	232	161705	38.799	ng		95
59) Diethylphthalate	10.35	149	898251	39.109	ng		99
60) 4-Chlorophenyl-phenylether	10.47	204	335563	40.263	ng		95
61) 4-Nitroaniline	10.49	138	175870	33.932	ng		99
62) Azobenzene	10.63	77	915422	39.896	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	24833	21.127	ng		92
65) n-Nitrosodiphenylamine	10.59	169	657918	43.352	ng		99
66) 4-Bromophenyl-phenylether	10.96	248	194291	42.690	ng		96
67) Hexachlorobenzene	11.03	284	192002	38.241	ng		93
68) Atrazine	11.11	200	196829	43.964	ng		97
69) Pentachlorophenol	11.22	266	179451	60.886	ng		99
70) Phenanthrene	11.44	178	905709	37.798	ng		99
71) Anthracene	11.49	178	926151	38.002	ng		100
72) Carbazole	11.65	167	871404	36.496	ng		98
73) Di-n-butylphthalate	11.97	149	1251663	43.156	ng		99
74) Fluoranthene	12.63	202	848479	35.194	ng		99
76) Benzidine	12.75	184	508668	36.190	ng		97
77) Pyrene	12.86	202	867618	36.180	ng		99
79) Butylbenzylphthalate	13.47	149	475640	41.604	ng		95
80) Benzo(a)anthracene	14.05	228	779824	40.546	ng		100
81) 3,3'-Dichlorobenzidine	14.01	252	290947	40.799	ng		98
82) Chrysene	14.09	228	738834	38.108	ng		99
83) Bis(2-ethylhexyl)phthalate	14.03	149	680707	46.337	ng		99
84) Di-n-octyl phthalate	14.64	149	1185911	53.763	ng		96
85) Indeno(1,2,3-cd)pyrene	17.05	276	625304	38.887	ng		97
87) Benzo(b)fluoranthene	15.11	252	782338	40.098	ng		98
88) Benzo(k)fluoranthene	15.14	252	741564	39.779	ng		99
89) Benzo(a)pyrene	15.49	252	711124	40.492	ng		98
90) Dibenzo(a,h)anthracene	17.07	278	539152	37.823	ng		99
91) Benzo(g,h,i)perylene	17.51	276	503442	36.083	ng		97

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

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