Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF012518\
Data File : BF102450.D
Acq On : 26 Jan 2018 3:19
Operator : SJ/JU
Sample : J1289-01MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-08-9.5-10.0MS

Quant Time: Jan 26 04:47:28 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 25 13:44:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	127890	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	527796	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	220843	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	343422	20.00	ng		0.00
75) Chrysene-d12	13.88	240	245792	20.00	ng		0.00
86) Perylene-d12	15.31	264	214860	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1016371	120.50	ng		0.02
7) Phenol-d6	6.37	99	1222738	120.25	ng		0.00
23) Nitrobenzene-d5	7.29	82	756962	82.42	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	203784	93.13	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1256137	83.63	ng		0.00
78) Terphenyl-d14	12.83	244	942606	86.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	128971	32.182	ng		97
3) Pyridine	3.13	79	339507	32.418	ng		96
4) n-Nitrosodimethylamine	3.08	42	174427	42.483	ng		94
6) Aniline	6.39	93	184812	13.741	ng	#	1
8) 2-Chlorophenol	6.51	128	351021	39.701	ng		95
9) Benzaldehyde	6.27	77	182116	29.632	ng		96
10) Phenol	6.38	94	453860	40.883	ng		85
11) bis(2-Chloroethyl)ether	6.46	93	330355	39.126	ng		98
12) 1,3-Dichlorobenzene	6.66	146	375456	35.705	ng		99
13) 1,4-Dichlorobenzene	6.73	146	381965	36.262	ng		99
14) 1,2-Dichlorobenzene	6.89	146	352967	36.634	ng		99
15) Benzyl Alcohol	6.87	79	264358	36.846	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	519613	36.693	ng		84
17) 2-Methylphenol	6.99	107	284365	37.032	ng	#	94
18) Hexachloroethane	7.23	117	117714	32.070	ng		97
19) n-Nitroso-di-n-propylamine	7.14	70	236588	38.019	ng		99
20) 3+4-Methylphenols	7.14	107	368209	40.771	ng	#	84
22) Acetophenone	7.13	105	477869	37.981	ng		96
24) Nitrobenzene	7.31	77	352305	37.483	ng		94
25) Isophorone	7.55	82	639537	39.059	ng		98
26) 2-Nitrophenol	7.62	139	146997	29.716	ng		95
27) 2,4-Dimethylphenol	7.66	122	304747	42.426	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	411273	40.662	ng		99
29) 2,4-Dichlorophenol	7.87	162	284848	38.931	ng		96
30) 1,2,4-Trichlorobenzene	7.95	180	279103	35.585	ng		98
31) Naphthalene	8.02	128	974800	36.991	ng		99
32) Benzoic acid	7.79	122	88080	14.636	ng		97
33) 4-Chloroaniline	8.08	127	102841	9.281	ng		98
34) Hexachlorobutadiene	8.13	225	147290	35.161	ng		100
35) Caprolactam	8.45	113	93062	38.512	ng		98
36) 4-Chloro-3-methylphenol	8.57	107	291630	37.813	ng		94
37) 2-Methylnaphthalene	8.72	142	652571	37.184	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	255182	38.406	ng		99
40) Hexachlorocyclopentadiene	8.86	237	30802	10.359	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	168773	37.945	ng		97
43) 2,4,5-Trichlorophenol	9.05	196	175140	34.972	ng		99
45) 1,1'-Biphenyl	9.18	154	742120	37.581	ng		97
46) 2-Chloronaphthalene	9.20	162	566597	36.914	ng		98
47) 2-Nitroaniline	9.31	65	190491	39.808	ng		96
48) Acenaphthylene	9.62	152	852717	35.659	ng		100
49) Dimethylphthalate	9.48	163	815598	44.680	ng		99
50) 2,6-Dinitrotoluene	9.55	165	133331	33.878	ng		91
51) Acenaphthene	9.79	154	496147	35.526	ng		99
52) 3-Nitroaniline	9.72	138	125560	26.969	ng		87
53) 2,4-Dinitrophenol	9.83	184	10241	9.227	ng	#	23
54) Dibenzofuran	9.96	168	736267	38.954	ng		100
55) 4-Nitrophenol	9.89	139	187904	61.142	ng		95
56) 2,4-Dinitrotoluene	9.96	165	156662	32.370	ng	#	91
57) Fluorene	10.30	166	561398	37.484	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	122402	34.232	ng		98
59) Diethylphthalate	10.18	149	644868	36.354	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	245247	37.768	ng		97
61) 4-Nitroaniline	10.33	138	160386	34.523	ng		91
62) Azobenzene	10.46	77	580191	35.725	ng		96
64) 4,6-Dinitro-2-methylphenol	10.36	198	10353	4.519	ng		93
65) n-Nitrosodiphenylamine	10.42	169	514199	40.794	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	145373	39.323	ng		92
67) Hexachlorobenzene	10.85	284	142989	34.584	ng		97
68) Atrazine	10.95	200	144509	38.817	ng		99
69) Pentachlorophenol	11.05	266	115798	53.315	ng		98
70) Phenanthrene	11.27	178	741584	37.057	ng		98
71) Anthracene	11.32	178	767837	37.591	ng		100
72) Carbazole	11.47	167	717019	35.982	ng		99
73) Di-n-butylphthalate	11.80	149	939520	37.719	ng		98
74) Fluoranthene	12.45	202	716996	35.134	ng		99
76) Benzidine	12.58	184	370122	44.825	ng		98
77) Pyrene	12.68	202	726124	38.209	ng		99
79) Butylbenzylphthalate	13.30	149	371428	39.274	ng		99
80) Benzo(a)anthracene	13.87	228	601091	39.722	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	211861	38.165	ng		99
82) Chrysene	13.91	228	571890	37.215	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	502280	39.520	ng		100
84) Di-n-octyl phthalate	14.47	149	830019	40.158	ng		99
85) Indeno(1,2,3-cd)pyrene	16.71	276	452607	35.663	ng		99
87) Benzo(b)fluoranthene	14.90	252	533922	38.340	ng		99
88) Benzo(k)fluoranthene	14.93	252	484572	36.830	ng		99
89) Benzo(a)pyrene	15.25	252	480785	38.280	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	376952	37.050	ng		96
91) Benzo(g,h,i)perylene	17.13	276	360907	35.926	ng		98

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

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