Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100902.D
Acq On : 27 Nov 2017 19:48
Operator : SJ/JU
Sample : I6289-08MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SU-04-112117MS

Quant Time: Nov 27 22:03:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	63057	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	252169	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	113646	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	194512	20.00	ng		0.00
75) Chrysene-d12	14.03	240	130080	20.00	ng		0.00
86) Perylene-d12	15.50	264	124715	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	516997	131.43	ng		0.03
7) Phenol-d6	6.50	99	584575	120.51	ng		0.01
23) Nitrobenzene-d5	7.43	82	439875	115.33	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	183242	158.23	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	921201	123.43	ng		0.00
78) Terphenyl-d14	12.97	244	676850	119.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	66179	34.522	ng	#	83
3) Pyridine	3.55	79	105469	20.166	ng		97
4) n-Nitrosodimethylamine	3.49	42	91141	35.892	ng		93
6) Aniline	6.53	93	31334	4.572	ng	#	86
8) 2-Chlorophenol	6.65	128	195833	47.058	ng		97
9) Benzaldehyde	6.42	77	63064	18.205	ng		91
10) Phenol	6.52	94	193466	37.992	ng		99
11) bis(2-Chloroethyl)ether	6.60	93	191738	44.827	ng		96
12) 1,3-Dichlorobenzene	6.80	146	223659	46.616	ng		97
13) 1,4-Dichlorobenzene	6.88	146	229135	47.186	ng		97
14) 1,2-Dichlorobenzene	7.03	146	212650	47.363	ng		96
15) Benzyl Alcohol	7.00	79	161005	42.528	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	314446	45.964	ng		98
17) 2-Methylphenol	7.12	107	160231	45.056	ng		98
18) Hexachloroethane	7.37	117	70987	44.336	ng		98
19) n-Nitroso-di-n-propylamine	7.27	70	140839	41.866	ng		96
20) 3+4-Methylphenols	7.27	107	197882	43.972	ng	#	63
22) Acetophenone	7.27	105	265839	43.232	ng	#	90
24) Nitrobenzene	7.45	77	204729	52.150	ng		98
25) Isophorone	7.69	82	379942	47.403	ng		98
26) 2-Nitrophenol	7.76	139	105836	56.435	ng	#	88
27) 2,4-Dimethylphenol	7.80	122	177739	49.467	ng		99
28) bis(2-Chloroethoxy)methane	7.89	93	240989	45.965	ng		99
29) 2,4-Dichlorophenol	8.00	162	176299	51.398	ng		95
30) 1,2,4-Trichlorobenzene	8.09	180	191099	51.504	ng		95
31) Naphthalene	8.17	128	594405	48.939	ng		100
32) Benzoic acid	7.93	122	112920	42.399	ng		93
33) 4-Chloroaniline	8.23	127	24765	4.898	ng		94
34) Hexachlorobutadiene	8.27	225	112405	50.953	ng		97
35) Caprolactam	8.59	113	45347	38.523	ng		96
36) 4-Chloro-3-methylphenol	8.70	107	175484	47.635	ng		97
37) 2-Methylnaphthalene	8.86	142	409044	50.727	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	187594	49.772	ng	#	95
40) Hexachlorocyclopentadiene	9.00	237	60388	34.042	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	129934	54.393	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	134512	54.349	ng		95
45) 1,1'-Biphenyl	9.32	154	472531	48.074	ng		99
46) 2-Chloronaphthalene	9.35	162	379571	53.230	ng		97
47) 2-Nitroaniline	9.45	65	109183	51.597	ng		99
48) Acenaphthylene	9.76	152	575404	48.692	ng		100
49) Dimethylphthalate	9.62	163	459681	52.977	ng		99
50) 2,6-Dinitrotoluene	9.69	165	96228	56.026	ng		94
51) Acenaphthene	9.93	154	337464	46.955	ng		98
52) 3-Nitroaniline	9.85	138	34064	16.795	ng		95
53) 2,4-Dinitrophenol	9.96	184	32265	52.524	ng	#	15
54) Dibenzofuran	10.10	168	507270	50.359	ng		99
55) 4-Nitrophenol	10.02	139	117603	71.410	ng		92
56) 2,4-Dinitrotoluene	10.09	165	120795	55.749	ng	#	92
57) Fluorene	10.45	166	388750	52.682	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	104922	51.726	ng	#	86
59) Diethylphthalate	10.32	149	442125	50.917	ng		97
60) 4-Chlorophenyl-phenylether	10.44	204	191960	53.028	ng		92
61) 4-Nitroaniline	10.47	138	74217	38.591	ng		93
62) Azobenzene	10.60	77	357893	43.761	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	24883	29.382	ng		78
65) n-Nitrosodiphenylamine	10.56	169	359232	53.114	ng		94
66) 4-Bromophenyl-phenylether	10.93	248	120896	57.980	ng	#	87
67) Hexachlorobenzene	11.00	284	121672	55.792	ng	#	85
68) Atrazine	11.09	200	106778	52.156	ng		96
69) Pentachlorophenol	11.19	266	113292	72.448	ng		99
70) Phenanthrene	11.41	178	521394	50.911	ng		99
71) Anthracene	11.46	178	529992	51.008	ng		99
72) Carbazole	11.62	167	439434	45.835	ng		99
73) Di-n-butylphthalate	11.94	149	627521	55.932	ng		99
74) Fluoranthene	12.60	202	466732	43.001	ng		96
77) Pyrene	12.83	202	461353	49.754	ng		99
79) Butylbenzylphthalate	13.44	149	201907	53.393	ng		94
80) Benzo(a)anthracene	14.02	228	406301	51.868	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	74566	26.568	ng		99
82) Chrysene	14.06	228	388359	51.197	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	282034	56.706	ng		98
84) Di-n-octyl phthalate	14.60	149	461475	54.010	ng		99
85) Indeno(1,2,3-cd)pyrene	16.98	276	305417	49.778	ng		94
87) Benzo(b)fluoranthene	15.07	252	378974	51.291	ng		98
88) Benzo(k)fluoranthene	15.10	252	374485	53.641	ng		98
89) Benzo(a)pyrene	15.44	252	347331	53.025	ng		98
90) Dibenzo(a,h)anthracene	16.99	278	259984	48.532	ng	#	96
91) Benzo(g,h,i)perylene	17.43	276	238077	45.401	ng	#	92

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

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