Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122717\
Data File : BF101772.D
Acq On : 27 Dec 2017 19:42
Operator : SJ/JU
Sample : I7069-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-25-COMPMS

Quant Time: Dec 28 04:06:47 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	163731	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	633914	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	276101	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	472700	20.00	ng		0.00
75) Chrysene-d12	13.97	240	300032	20.00	ng		0.00
86) Perylene-d12	15.44	264	310487	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1031094	93.81	ng		0.02
7) Phenol-d6	6.45	99	1149643	84.04	ng		0.01
23) Nitrobenzene-d5	7.36	82	734267	64.48	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	242753	91.25	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1130291	63.50	ng		0.00
78) Terphenyl-d14	12.90	244	910608	73.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.57	88	154546	27.363	ng		96
3) Pyridine	3.35	79	347768	22.162	ng		97
4) n-Nitrosodimethylamine	3.29	42	188020	26.023	ng		99
6) Aniline	6.46	93	222532	11.706	ng	#	54
8) 2-Chlorophenol	6.58	128	359707	31.109	ng		97
9) Benzaldehyde	6.35	77	153366	15.181	ng		98
10) Phenol	6.46	94	476390	30.554	ng		90
11) bis(2-Chloroethyl)ether	6.53	93	360763	29.498	ng		94
12) 1,3-Dichlorobenzene	6.73	146	399290	30.597	ng		97
13) 1,4-Dichlorobenzene	6.80	146	407426	30.573	ng		99
14) 1,2-Dichlorobenzene	6.96	146	361070	30.101	ng		99
15) Benzyl Alcohol	6.95	79	280097	29.748	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	605871	32.369	ng	#	44
17) 2-Methylphenol	7.06	107	292734	27.523	ng	#	87
18) Hexachloroethane	7.29	117	129626	27.977	ng		94
19) n-Nitroso-di-n-propylamine	7.21	70	255992	28.495	ng		96
20) 3+4-Methylphenols	7.22	107	404640	35.902	ng		98
22) Acetophenone	7.20	105	507711	35.101	ng	#	97
24) Nitrobenzene	7.38	77	391432	31.057	ng		99
25) Isophorone	7.62	82	715874	31.336	ng		98
26) 2-Nitrophenol	7.70	139	197490	36.473	ng		96
27) 2,4-Dimethylphenol	7.73	122	316610	34.419	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	454820	31.342	ng		99
29) 2,4-Dichlorophenol	7.95	162	313326	34.477	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	295306	30.791	ng		96
31) Naphthalene	8.09	128	989788	31.015	ng		99
32) Benzoic acid	7.88	122	68202	17.139	ng		97
33) 4-Chloroaniline	8.16	127	87361	6.298	ng		99
34) Hexachlorobutadiene	8.20	225	170033	30.654	ng		99
35) Caprolactam	8.54	113	100955	31.992	ng		93
36) 4-Chloro-3-methylphenol	8.65	107	313643	31.400	ng		98
37) 2-Methylnaphthalene	8.79	142	642115	30.882	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	310528	33.312	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	7304	16.545	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	195655	34.863	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	187686	30.544	ng		94
45) 1,1'-Biphenyl	9.25	154	771028	31.489	ng		99
46) 2-Chloronaphthalene	9.28	162	580754	30.997	ng		96
47) 2-Nitroaniline	9.39	65	201091	31.070	ng		94
48) Acenaphthylene	9.69	152	854769	28.885	ng		99
49) Dimethylphthalate	9.55	163	806889	36.333	ng		99
50) 2,6-Dinitrotoluene	9.63	165	144422	31.996	ng	#	83
51) Acenaphthene	9.86	154	510119	28.692	ng		99
52) 3-Nitroaniline	9.80	138	102043	18.133	ng		97
53) 2,4-Dinitrophenol	9.95	184	45889	35.744	ng	#	22
54) Dibenzofuran	10.03	168	736191	32.583	ng		94
55) 4-Nitrophenol	10.00	139	96686	39.402	ng		96
56) 2,4-Dinitrotoluene	10.05	165	191085	37.575	ng		94
57) Fluorene	10.38	166	594929	31.126	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	154443	34.983	ng	#	86
59) Diethylphthalate	10.25	149	671437	30.530	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	294663	32.167	ng		93
61) 4-Nitroaniline	10.43	138	131487	23.245	ng		91
62) Azobenzene	10.53	77	641541	28.159	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	41455	17.185	ng		87
65) n-Nitrosodiphenylamine	10.49	169	546689	31.321	ng		96
66) 4-Bromophenyl-phenylether	10.86	248	179887	33.868	ng	#	87
67) Hexachlorobenzene	10.93	284	174310	31.008	ng	#	90
68) Atrazine	11.02	200	180875	34.754	ng		97
69) Pentachlorophenol	11.14	266	124379	58.791	ng		100
70) Phenanthrene	11.34	178	788062	29.979	ng		99
71) Anthracene	11.40	178	812128	30.245	ng		99
72) Carbazole	11.56	167	696910	27.721	ng		99
73) Di-n-butylphthalate	11.87	149	967950	31.722	ng		99
74) Fluoranthene	12.54	202	712647	25.828	ng		98
76) Benzidine	12.66	184	286056	22.574	ng		98
77) Pyrene	12.77	202	708305	31.456	ng		100
79) Butylbenzylphthalate	13.37	149	323408	31.742	ng		98
80) Benzo(a)anthracene	13.96	228	572977	28.921	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	174410	26.999	ng		99
82) Chrysene	14.00	228	556339	29.742	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	441558	34.216	ng		99
84) Di-n-octyl phthalate	14.53	149	733350	31.864	ng		99
85) Indeno(1,2,3-cd)pyrene	16.93	276	524727	31.501	ng		96
87) Benzo(b)fluoranthene	15.02	252	532561	28.141	ng		100
88) Benzo(k)fluoranthene	15.04	252	551055	29.948	ng		98
89) Benzo(a)pyrene	15.39	252	511947	29.345	ng		99
90) Dibenzo(a,h)anthracene	16.92	278	445235	29.724	ng		97
91) Benzo(g,h,i)perylene	17.38	276	418067	28.186	ng		97

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

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