Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032217\
Data File : BF093830.D
Acq On : 22 Mar 2017 14:18
Operator : SJ/MA
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC2.5

Quant Time: Mar 22 17:36:06 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 17:04:40 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.99	152	193133	20.00	ng		0.00
21) Naphthalene-d8	7.49	136	771523	20.00	ng		0.00
38) Acenaphthene-d10	9.63	164	351811	20.00	ng		0.00
63) Phenanthrene-d10	11.46	188	628270	20.00	ng		0.00
75) Chrysene-d12	14.71	240	555299	20.00	ng		0.00
86) Perylene-d12	16.35	264	484960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.50	112	61249	5.55	ng		0.00
7) Phenol-d6	5.55	99	75148	5.51	ng		-0.02
23) Nitrobenzene-d5	6.62	82	67881	4.99	ng		-0.02
41) 2,4,6-Tribromophenol	10.60	330	13903	5.10	ng		-0.01
44) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
78) Terphenyl-d14	13.43	244	140264	5.15	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.37	88	14383	2.57	ng		94
3) Pyridine	2.87	79	33619	2.24	ng	#	93
4) n-Nitrosodimethylamine	2.80	42	14167	2.19	ng	#	93
6) Aniline	5.60	93	48795	2.56	ng		95
8) 2-Chlorophenol	5.73	128	32592	2.68	ng		95
9) Benzaldehyde	5.47	77	25809	2.68	ng		96
10) Phenol	5.56	94	39274	2.56	ng		89
11) bis(2-Chloroethyl)ether	5.67	93	31783	2.55	ng		97
12) 1,3-Dichlorobenzene	5.92	146	36154	2.62	ng		97
13) 1,4-Dichlorobenzene	6.00	146	37466	2.67	ng		97
14) 1,2-Dichlorobenzene	6.18	146	35383	2.74	ng		97
15) Benzyl Alcohol	6.13	79	25700	2.54	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.30	45	49491	2.50	ng		99
17) 2-Methylphenol	6.27	107	27071	2.54	ng		97
18) Hexachloroethane	6.58	117	12268	2.46	ng		86
19) n-Nitroso-di-n-propylamine	6.45	70	22742	2.54	ng	#	96
20) 3+4-Methylphenols	6.45	107	35992	2.85	ng	#	83
22) Acetophenone	6.45	105	48299	2.89	ng	#	92
24) Nitrobenzene	6.65	77	34343	2.64	ng		97
25) Isophorone	6.93	82	59503	2.47	ng		97
26) 2-Nitrophenol	7.03	139	12317	2.10	ng	#	94
27) 2,4-Dimethylphenol	7.08	122	26415	2.19	ng		97
28) bis(2-Chloroethoxy)methane	7.20	93	41110	2.65	ng		98
29) 2,4-Dichlorophenol	7.32	162	24747	2.41	ng		98
30) 1,2,4-Trichlorobenzene	7.42	180	28095	2.63	ng		99
31) Naphthalene	7.52	128	101670	2.84	ng		99
33) 4-Chloroaniline	7.57	127	39580	2.57	ng		95
34) Hexachlorobutadiene	7.67	225	14151	2.52	ng		96
35) Caprolactam	7.95	113	7298	2.26	ng		90
36) 4-Chloro-3-methylphenol	8.16	107	27173	2.55	ng		89
37) 2-Methylnaphthalene	8.36	142	66775	2.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.56	216	27019	2.90	ng		98
42) 2,4,6-Trichlorophenol	8.70	196	16386	2.42	ng		98
43) 2,4,5-Trichlorophenol	8.74	196	17901	2.55	ng	#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 1,1'-Biphenyl	8.93	154	79707	2.79	ng		94
46) 2-Chloronaphthalene	8.95	162	61256	2.79	ng		96
47) 2-Nitroaniline	9.06	65	14520	2.37	ng		99
48) Acenaphthylene	9.46	152	99856	2.80	ng		97
49) Dimethylphthalate	9.30	163	68002	2.72	ng		99
50) 2,6-Dinitrotoluene	9.37	165	12654	2.30	ng	#	71
51) Acenaphthene	9.67	154	61196	2.87	ng		99
52) 3-Nitroaniline	9.57	138	15615	2.37	ng		95
54) Dibenzofuran	9.88	168	81685	2.85	ng		100
55) 4-Nitrophenol	9.77	139	10882	2.20	ng	#	57
56) 2,4-Dinitrotoluene	9.86	165	16068	2.30	ng	#	81
57) Fluorene	10.30	166	70044	3.19	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	11968	2.48	ng	#	99
59) Diethylphthalate	10.18	149	65697	2.69	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	30453	3.29	ng	#	87
61) 4-Nitroaniline	10.31	138	15048	2.55	ng		90
62) Azobenzene	10.50	77	61434	2.55	ng		97
65) n-Nitrosodiphenylamine	10.45	169	59378	2.83	ng		98
66) 4-Bromophenyl-phenylether	10.91	248	16120	2.67	ng		94
67) Hexachlorobenzene	10.98	284	16619	2.66	ng	#	80
68) Atrazine	11.12	200	16264	2.53	ng		96
70) Phenanthrene	11.49	178	98692	2.95	ng		96
71) Anthracene	11.54	178	98551	2.86	ng		99
72) Carbazole	11.74	167	102575	3.01	ng		95
73) Di-n-butylphthalate	12.20	149	95539	2.60	ng		98
74) Fluoranthene	12.94	202	97163	2.83	ng		99
76) Benzidine	13.11	184	51390	2.11	ng		95
77) Pyrene	13.22	202	103179	2.23	ng		99
80) Benzo(a)anthracene	14.70	228	82873	2.38	ng		97
81) 3,3'-Dichlorobenzidine	14.67	252	27239	2.08	ng	#	94
82) Chrysene	14.74	228	83709	2.41	ng		99
83) Bis(2-ethylhexyl)phthalate	14.76	149	54817	2.20	ng		98
85) Indeno(1,2,3-cd)pyrene	17.73	276	69361	2.44	ng		98
87) Benzo(b)fluoranthene	15.93	252	72550	2.22	ng		98
88) Benzo(k)fluoranthene	15.96	252	76691	3.18	ng	#	94
89) Benzo(a)pyrene	16.28	252	68006	2.57	ng		99
90) Dibenzo(a,h)anthracene	17.75	278	58781	2.67	ng	#	93
91) Benzo(g,h,i)perylene	18.13	276	58817	2.69	ng		99

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

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