Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042617\
Data File : BF094645.D
Acq On : 26 Apr 2017 14:31
Operator : SJ/MA
Sample : I2805-03MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AREA3-COMP1MS

Quant Time: Apr 27 08:16:16 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.75	152	124736	20.00	ng		0.00
21) Naphthalene-d8	7.25	136	526064	20.00	ng		-0.01
38) Acenaphthene-d10	9.38	164	247090	20.00	ng		-0.01
63) Phenanthrene-d10	11.20	188	463441	20.00	ng		-0.02
75) Chrysene-d12	14.46	240	385165	20.00	ng		0.00
86) Perylene-d12	16.08	264	245885	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.31	112	702460	93.43	ng		0.00
7) Phenol-d6	5.38	99	852239	96.15	ng		0.00
23) Nitrobenzene-d5	6.41	82	577527	67.79	ng		0.00
41) 2,4,6-Tribromophenol	10.36	330	223055	115.41	ng		-0.01
44) 2-Fluorobiphenyl	8.57	172	1144071	68.13	ng		-0.01
78) Terphenyl-d14	13.18	244	1157416	80.32	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.17	88	92397	21.13	ng		96
3) Pyridine	2.66	79	246460	25.79	ng		98
4) n-Nitrosodimethylamine	2.60	42	118696	30.02	ng		85
6) Aniline	5.39	93	106324	9.03	ng	#	21
8) 2-Chlorophenol	5.53	128	283498	33.14	ng		93
9) Benzaldehyde	5.25	77	70110	10.40	ng		98
10) Phenol	5.40	94	314309	28.87	ng		90
11) bis(2-Chloroethyl)ether	5.47	93	262056	32.94	ng		98
12) 1,3-Dichlorobenzene	5.69	146	286411	30.22	ng		98
13) 1,4-Dichlorobenzene	5.78	146	293002	30.72	ng		97
14) 1,2-Dichlorobenzene	5.95	146	276954	31.53	ng		98
15) Benzyl Alcohol	5.94	79	199873	30.40	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.08	45	353115	33.86	ng	#	35
17) 2-Methylphenol	6.08	107	227577	33.77	ng		93
18) Hexachloroethane	6.34	117	101190	30.95	ng	#	87
19) n-Nitroso-di-n-propylamine	6.24	70	212336	36.16	ng		98
20) 3+4-Methylphenols	6.26	107	314954	34.40	ng	#	61
22) Acetophenone	6.23	105	414726	32.42	ng	#	85
24) Nitrobenzene	6.42	77	288988	32.21	ng		98
25) Isophorone	6.72	82	542373	34.34	ng	#	93
26) 2-Nitrophenol	6.80	139	158714	32.93	ng		97
27) 2,4-Dimethylphenol	6.88	122	263066	33.60	ng		98
28) bis(2-Chloroethoxy)methane	6.98	93	337140	33.00	ng		100
29) 2,4-Dichlorophenol	7.10	162	256190	35.17	ng		97
30) 1,2,4-Trichlorobenzene	7.18	180	239549	31.81	ng		98
31) Naphthalene	7.28	128	825062	32.62	ng		99
32) Benzoic acid	7.06	122	107460	25.96	ng		97
33) 4-Chloroaniline	7.36	127	52180	4.96	ng	#	93
34) Hexachlorobutadiene	7.43	225	118139	31.47	ng		95
35) Caprolactam	7.82	113	75122m	32.83	ng		
36) 4-Chloro-3-methylphenol	7.98	107	263422	34.51	ng		92
37) 2-Methylnaphthalene	8.11	142	595620	34.42	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.32	216	229554	32.63	ng		99
40) Hexachlorocyclopentadiene	8.31	237	199336	70.03	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.48	196	164881	33.37	ng		95
43) 2,4,5-Trichlorophenol	8.54	196	177109	34.90	ng		93
45) 1,1'-Biphenyl	8.69	154	680175	33.69	ng		98
46) 2-Chloronaphthalene	8.71	162	540730	33.69	ng		95
47) 2-Nitroaniline	8.85	65	155103	33.59	ng	#	80
48) Acenaphthylene	9.21	152	810549	32.39	ng		99
49) Dimethylphthalate	9.08	163	686086	37.26	ng		99
50) 2,6-Dinitrotoluene	9.15	165	150385	36.38	ng		98
51) Acenaphthene	9.42	154	500203	33.37	ng		99
52) 3-Nitroaniline	9.35	138	34260	7.16	ng		90
53) 2,4-Dinitrophenol	9.50	184	121607	56.08	ng	#	63
54) Dibenzofuran	9.64	168	759517	34.87	ng		97
55) 4-Nitrophenol	9.62	139	167023m	49.44	ng		
56) 2,4-Dinitrotoluene	9.65	165	200965	39.63	ng	#	86
57) Fluorene	10.06	166	586957	34.60	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.81	232	137386	37.77	ng		94
59) Diethylphthalate	9.95	149	662600	38.14	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	260038	36.83	ng		91
61) 4-Nitroaniline	10.11	138	105079	21.62	ng		96
62) Azobenzene	10.26	77	595551	35.30	ng		95
64) 4,6-Dinitro-2-methylphenol	10.15	198	96673	31.84	ng	#	68
65) n-Nitrosodiphenylamine	10.22	169	371833	23.07	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	161180	35.03	ng		96
67) Hexachlorobenzene	10.74	284	159984	34.50	ng	#	89
68) Atrazine	10.90	200	84295	17.48	ng		98
69) Pentachlorophenol	11.00	266	150823	81.90	ng		100
70) Phenanthrene	11.24	178	888583	34.05	ng		98
71) Anthracene	11.30	178	923834	34.22	ng		98
72) Carbazole	11.51	167	560406	22.12	ng		96
73) Di-n-butylphthalate	11.95	149	1040555	37.30	ng		99
74) Fluoranthene	12.69	202	925954	34.23	ng		99
77) Pyrene	12.97	202	919753	34.18	ng		99
79) Butylbenzylphthalate	13.79	149	457310	38.78	ng	#	87
80) Benzo(a)anthracene	14.45	228	769984	34.39	ng		98
82) Chrysene	14.49	228	711682	34.78	ng		99
83) Bis(2-ethylhexyl)phthalate	14.51	149	668679	42.23	ng	#	99
84) Di-n-octyl phthalate	15.27	149	1100519	41.43	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	539186	27.70	ng		99
87) Benzo(b)fluoranthene	15.68	252	663463	44.11	ng		98
88) Benzo(k)fluoranthene	15.71	252	655878	46.08	ng		97
89) Benzo(a)pyrene	16.03	252	585090	41.81	ng		99
90) Dibenzo(a,h)anthracene	17.38	278	455953	39.24	ng		98
91) Benzo(g,h,i)perylene	17.74	276	443185	37.46	ng		97

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

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