Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092116\
Data File : BF090184.D
Acq On : 22 Sep 2016 2:57
Operator : UM/SJ
Sample : H4856-16MS 2X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS-3MS

Quant Time: Sep 22 04:54:00 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 17:58:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	150287m	20.00	ng		-0.01
21) Naphthalene-d8	7.80	136	544507m	20.00	ng		-0.01
38) Acenaphthene-d10	9.54	164	308784	20.00	ng		-0.01
63) Phenanthrene-d10	11.00	188	406922	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	318707	20.00	ng		-0.01
86) Perylene-d12	14.95	264	230910	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	508928	55.20	ng		0.00
7) Phenol-d6	6.17	99	627293	55.09	ng		0.00
23) Nitrobenzene-d5	7.08	82	390784	41.60	ng		-0.01
41) 2,4,6-Tribromophenol	10.33	330	122515	46.25	ng		-0.01
44) 2-Fluorobiphenyl	8.88	172	654539	41.61	ng		-0.01
78) Terphenyl-d14	12.59	244	481177	38.33	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.91	88	70759	14.14	ng		97
3) Pyridine	2.52	79	208543	19.22	ng		98
4) n-Nitrosodimethylamine	2.46	42	72882	22.51	ng		94
6) Aniline	6.17	93	139051m	9.80	ng		
8) 2-Chlorophenol	6.30	128	194263	18.31	ng		85
9) Benzaldehyde	6.04	77	19143	3.86	ng		98
10) Phenol	6.18	94	266313m	19.78	ng		
11) bis(2-Chloroethyl)ether	6.25	93	202739	19.31	ng		97
12) 1,3-Dichlorobenzene	6.44	146	205238m	18.52	ng		
13) 1,4-Dichlorobenzene	6.52	146	203994m	18.03	ng		
14) 1,2-Dichlorobenzene	6.68	146	183430	18.20	ng		99
15) Benzyl Alcohol	6.67	79	134973m	19.88	ng		
16) 2,2'-oxybis(1-Chloropropan	6.81	45	227520m	18.14	ng		
17) 2-Methylphenol	6.80	107	149703	17.92	ng		98
18) Hexachloroethane	7.02	117	55681	13.80	ng		93
19) n-Nitroso-di-n-propylamine	6.94	70	125490m	18.76	ng		
20) 3+4-Methylphenols	6.96	107	188485	18.79	ng		97
22) Acetophenone	6.92	105	228393	17.39	ng	#	93
24) Nitrobenzene	7.10	77	170654	17.44	ng		99
25) Isophorone	7.35	82	359816	18.33	ng		98
26) 2-Nitrophenol	7.42	139	77577	16.10	ng		94
27) 2,4-Dimethylphenol	7.48	122	155565	18.17	ng		94
28) bis(2-Chloroethoxy)methane	7.56	93	214507	18.07	ng		98
29) 2,4-Dichlorophenol	7.67	162	144360	19.22	ng		90
30) 1,2,4-Trichlorobenzene	7.75	180	148319	19.77	ng		97
31) Naphthalene	7.82	128	497709	19.20	ng		99
32) Benzoic acid	7.58	122	37724	6.42	ng		91
33) 4-Chloroaniline	7.88	127	108485	10.09	ng	#	94
34) Hexachlorobutadiene	7.95	225	75415	19.06	ng		97
35) Caprolactam	8.24	113	40104	16.13	ng		86
36) 4-Chloro-3-methylphenol	8.38	107	147273	17.35	ng		95
37) 2-Methylnaphthalene	8.51	142	326525	20.25	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.67	216	105354	14.86	ng		97
40) Hexachlorocyclopentadiene	8.66	237	12942	3.70	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	83269	16.49	ng		100
43) 2,4,5-Trichlorophenol	8.84	196	77706	14.86	ng		95
45) 1,1'-Biphenyl	8.97	154	370124	16.75	ng		98
46) 2-Chloronaphthalene	8.99	162	325114	19.95	ng		99
47) 2-Nitroaniline	9.10	65	100370	20.43	ng		88
48) Acenaphthylene	9.40	152	502822	19.00	ng		98
49) Dimethylphthalate	9.28	163	470977	23.95	ng		98
50) 2,6-Dinitrotoluene	9.34	165	65246	14.88	ng		89
51) Acenaphthene	9.58	154	298480	19.00	ng		98
52) 3-Nitroaniline	9.51	138	75469	14.68	ng		93
53) 2,4-Dinitrophenol	9.62	184	1272	3.65	ng	#	8
54) Dibenzofuran	9.75	168	437990	21.18	ng		98
55) 4-Nitrophenol	9.69	139	84441	23.98	ng		100
56) 2,4-Dinitrotoluene	9.74	165	77384	14.93	ng		99
57) Fluorene	10.08	166	304354	19.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.87	232	72837	18.60	ng		95
59) Diethylphthalate	9.98	149	331828	17.47	ng		99
60) 4-Chlorophenyl-phenylether	10.09	204	136965	19.28	ng	#	77
61) 4-Nitroaniline	10.11	138	72255	13.79	ng		99
62) Azobenzene	10.24	77	363037	18.36	ng		98
65) n-Nitrosodiphenylamine	10.20	169	279569	20.89	ng		98
66) 4-Bromophenyl-phenylether	10.57	248	80262	20.04	ng		96
67) Hexachlorobenzene	10.63	284	85273	18.27	ng		95
68) Atrazine	10.74	200	76260	20.80	ng		99
69) Pentachlorophenol	10.82	266	84387	31.86	ng		97
70) Phenanthrene	11.03	178	390146	20.50	ng		99
71) Anthracene	11.08	178	428023	21.44	ng		99
72) Carbazole	11.24	167	413149	19.58	ng		98
73) Di-n-butylphthalate	11.60	149	540287	22.02	ng	#	97
74) Fluoranthene	12.21	202	433282	21.21	ng		98
77) Pyrene	12.43	202	452325	20.74	ng		98
79) Butylbenzylphthalate	13.07	149	287819	26.98	ng	#	80
80) Benzo(a)anthracene	13.61	228	331950	19.36	ng		99
81) 3,3'-Dichlorobenzidine	13.59	252	37442	5.29	ng	#	98
82) Chrysene	13.65	228	297460	17.81	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	270100	19.79	ng	#	99
84) Di-n-octyl phthalate	14.25	149	502541	21.37	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.13	276	224805	16.65	ng		96
87) Benzo(b)fluoranthene	14.61	252	266797m	20.87	ng		
88) Benzo(k)fluoranthene	14.63	252	260062m	21.67	ng		
89) Benzo(a)pyrene	14.90	252	232128	19.30	ng	#	96
90) Dibenzo(a,h)anthracene	16.14	278	192760	20.54	ng		99
91) Benzo(g,h,i)perylene	16.47	276	186746	20.33	ng		95

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

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