Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110316\
Data File : BF091010.D
Acq On : 3 Nov 2016 21:08
Operator : UM/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
11/4/2016 8:32:40 AM

Quant Time: Nov 04 01:56:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 01:12:28 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	191406	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	819563	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	402441	20.00	ng		0.01
63) Phenanthrene-d10	11.23	188	643236	20.00	ng		0.00
75) Chrysene-d12	13.87	240	515417	20.00	ng		0.01
86) Perylene-d12	15.25	264	407447	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1706582	137.50	ng		0.01
7) Phenol-d6	6.37	99	2167309	138.83	ng		0.02
23) Nitrobenzene-d5	7.29	82	2024099	139.20	ng		0.01
41) 2,4,6-Tribromophenol	10.54	330	547102	134.44	ng		0.01
44) 2-Fluorobiphenyl	9.08	172	2885986	108.76	ng		0.01
78) Terphenyl-d14	12.82	244	2681489	117.96	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	479142	85.95	ng		98
3) Pyridine	2.88	79	1302336	89.88	ng		99
4) n-Nitrosodimethylamine	2.86	42	479954	67.23	ng		91
6) Aniline	6.38	93	1279111	67.40	ng	#	54
8) 2-Chlorophenol	6.50	128	968355	69.37	ng		92
10) Phenol	6.38	94	1279858	73.33	ng	#	77
11) bis(2-Chloroethyl)ether	6.45	93	989158	72.15	ng		96
12) 1,3-Dichlorobenzene	6.65	146	1013792	68.38	ng		97
13) 1,4-Dichlorobenzene	6.73	146	1105979	74.55	ng		97
14) 1,2-Dichlorobenzene	6.89	146	889064	64.39	ng		94
15) Benzyl Alcohol	6.86	79	723945	67.49	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1321040	59.03	ng		100
17) 2-Methylphenol	6.99	107	816931	73.86	ng	#	92
18) Hexachloroethane	7.22	117	408567	71.47	ng		95
20) 3+4-Methylphenols	7.15	107	918489	66.39	ng		97
22) Acetophenone	7.14	105	1314993	61.73	ng	#	98
24) Nitrobenzene	7.31	77	1274447	79.00	ng		96
25) Isophorone	7.55	82	2078156	73.55	ng		100
26) 2-Nitrophenol	7.62	139	549206	72.10	ng	#	81
27) 2,4-Dimethylphenol	7.68	122	948517	70.96	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	1139725	67.13	ng		99
29) 2,4-Dichlorophenol	7.87	162	803030	71.44	ng		93
30) 1,2,4-Trichlorobenzene	7.94	180	839606	65.50	ng		97
31) Naphthalene	8.02	128	2477009	59.75	ng		97
33) 4-Chloroaniline	8.08	127	1238377	72.17	ng	#	93
34) Hexachlorobutadiene	8.14	225	503380	69.53	ng		97
35) Caprolactam	8.49	113	232924m	68.30	ng		
36) 4-Chloro-3-methylphenol	8.58	107	939615	71.37	ng		97
37) 2-Methylnaphthalene	8.72	142	1816260	71.42	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	792562	62.04	ng		98
40) Hexachlorocyclopentadiene	8.86	237	315034	73.01	ng		98
42) 2,4,6-Trichlorophenol	9.00	196	559806	69.29	ng		97
43) 2,4,5-Trichlorophenol	9.05	196	577392	69.71	ng	#	94
45) 1,1'-Biphenyl	9.18	154	2260257	64.19	ng		96

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46) 2-Chloronaphthalene	9.21	162	1787258	68.19	ng		95
47) 2-Nitroaniline	9.31	65	671449	77.50	ng	#	80
48) Acenaphthylene	9.62	152	2532458	64.10	ng		99
49) Dimethylphthalate	9.49	163	1850275	61.59	ng		99
50) 2,6-Dinitrotoluene	9.55	165	407718	63.03	ng		86
51) Acenaphthene	9.79	154	1609154	63.19	ng		99
52) 3-Nitroaniline	9.72	138	479490	64.02	ng		98
53) 2,4-Dinitrophenol	9.84	184	247369	93.79	ng	#	86
54) Dibenzofuran	9.96	168	2143965	68.03	ng		95
56) 2,4-Dinitrotoluene	9.96	165	568884	67.10	ng		95
57) Fluorene	10.30	166	1742415	66.38	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	442301	68.49	ng		96
59) Diethylphthalate	10.19	149	2030749	68.01	ng		97
60) 4-Chlorophenyl-phenylether	10.29	204	730554	58.05	ng	#	90
61) 4-Nitroaniline	10.35	138	577915	78.46	ng		96
62) Azobenzene	10.45	77	1976045	67.43	ng		92
64) 4,6-Dinitro-2-methylphenol	10.37	198	375128	95.57	ng		82
65) n-Nitrosodiphenylamine	10.42	169	1426142	71.10	ng		99
66) 4-Bromophenyl-phenylether	10.78	248	592016	85.81	ng	#	71
67) Hexachlorobenzene	10.85	284	639058	81.97	ng	#	74
69) Pentachlorophenol	11.05	266	285912	80.13	ng		99
70) Phenanthrene	11.25	178	2332005	64.54	ng		98
71) Anthracene	11.31	178	2471615	69.94	ng		97
72) Carbazole	11.47	167	2467380	79.85	ng		98
73) Di-n-butylphthalate	11.80	149	2657452	65.25	ng	#	97
74) Fluoranthene	12.44	202	2530368	71.27	ng		94
76) Benzidine	12.57	184	865152	60.08	ng	#	94
77) Pyrene	12.67	202	2622692	69.04	ng		98
79) Butylbenzylphthalate	13.30	149	1306204	74.70	ng	#	71
80) Benzo(a)anthracene	13.86	228	2015241	63.81	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	732291	66.52	ng	#	98
82) Chrysene	13.89	228	2031113	66.09	ng		97
83) Bis(2-ethylhexyl)phthalate	13.86	149	1441277	64.84	ng	#	93
84) Di-n-octyl phthalate	14.47	149	2412764	65.56	ng		99
85) Indeno(1,2,3-cd)pyrene	16.58	276	1919830	79.11	ng		97
87) Benzo(b)fluoranthene	14.87	252	2540510m	91.36	ng		
88) Benzo(k)fluoranthene	14.90	252	1389401m	60.55	ng		
89) Benzo(a)pyrene	15.20	252	1880330	79.38	ng	#	95
90) Dibenzo(a,h)anthracene	16.59	278	1688929	84.41	ng		99
91) Benzo(g,h,i)perylene	16.98	276	1513876	76.36	ng		97

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

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