Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100716\
Data File : BF090480.D
Acq On : 8 Oct 2016 11:02
Operator : UM/SJ
Sample : H5134-05MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MJSB-16(6.5-8.5)MSD

Manual Integrations APPROVED
sohil
10/10/2016 6:51:09 PM

Quant Time: Oct 10 03:54:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	223454	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	531518	20.00	ng		0.01
38) Acenaphthene-d10	10.10	164	175684	20.00	ng		0.05
63) Phenanthrene-d10	11.58	188	366300	20.00	ng		0.03
75) Chrysene-d12	14.19	240	486753	20.00	ng		-0.01
86) Perylene-d12	15.70	264	440185	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1241634	82.93	ng		0.00
7) Phenol-d6	6.63	99	1800432	91.81	ng		0.01
23) Nitrobenzene-d5	7.56	82	845474	77.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.89	330	207412	145.19	ng		0.03
44) 2-Fluorobiphenyl	9.40	172	905596	85.88	ng		0.02
78) Terphenyl-d14	13.14	244	1253024	57.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.69	88	179504	24.32	ng	#	85
3) Pyridine	3.47	79	541740	26.32	ng	#	76
4) n-Nitrosodimethylamine	3.40	42	213190	25.10	ng	#	41
6) Aniline	6.66	93	456380	16.85	ng		94
8) 2-Chlorophenol	6.78	128	514201	31.21	ng		94
9) Benzaldehyde	6.53	77	213226	21.51	ng		90
10) Phenol	6.65	94	775692	34.02	ng		94
11) bis(2-Chloroethyl)ether	6.73	93	581383	33.31	ng		95
12) 1,3-Dichlorobenzene	6.94	146	519072	31.60	ng		98
13) 1,4-Dichlorobenzene	7.01	146	487087	29.20	ng		97
14) 1,2-Dichlorobenzene	7.17	146	455002m	28.31	ng		
15) Benzyl Alcohol	7.14	79	507812	34.06	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	468680	15.83	ng	#	29
17) 2-Methylphenol	7.25	107	404605	29.86	ng	#	80
18) Hexachloroethane	7.53	117	184269m	28.02	ng		
19) n-Nitroso-di-n-propylamine	7.41	70	445298	30.97	ng	#	79
20) 3+4-Methylphenols	7.41	107	493104	28.11	ng	#	70
22) Acetophenone	7.41	105	648867	51.54	ng	#	88
24) Nitrobenzene	7.58	77	565714m	52.15	ng		
25) Isophorone	7.82	82	1140403m	57.08	ng		
26) 2-Nitrophenol	7.90	139	168922	36.18	ng	#	1
27) 2,4-Dimethylphenol	7.95	122	377976	41.63	ng		85
28) bis(2-Chloroethoxy)methane	8.04	93	487514	41.26	ng	#	1
29) 2,4-Dichlorophenol	8.15	162	434603	62.95	ng		84
30) 1,2,4-Trichlorobenzene	8.23	180	393666	55.33	ng		98
31) Naphthalene	8.33	128	1677297	65.41	ng	#	73
33) 4-Chloroaniline	8.36	127	690801	65.18	ng	#	13
34) Hexachlorobutadiene	8.45	225	203291	51.14	ng		98
35) Caprolactam	8.75	113	547769	236.00	ng	#	66
36) 4-Chloro-3-methylphenol	8.86	107	297238	34.39	ng		92
37) 2-Methylnaphthalene	9.05	142	748361	48.21	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	9.22	216	210648	45.48	ng	#	72
40) Hexachlorocyclopentadiene	9.19	237	23236	9.15	ng		98
42) 2,4,6-Trichlorophenol	9.31	196	159857m	50.02	ng		

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.33	196	80819m	26.74	ng		
45) 1,1'-Biphenyl	9.50	154	511316	39.28	ng		97
46) 2-Chloronaphthalene	9.53	162	383873	39.91	ng	#	77
47) 2-Nitroaniline	9.61	65	156094	41.13	ng		91
48) Acenaphthylene	9.96	152	698862	44.04	ng	#	66
49) Dimethylphthalate	9.79	163	533910	47.45	ng	#	90
50) 2,6-Dinitrotoluene	9.87	165	166309	66.58	ng		90
51) Acenaphthene	10.13	154	545690	55.14	ng	#	75
52) 3-Nitroaniline	10.02	138	144761	49.61	ng	#	69
54) Dibenzofuran	10.30	168	632241	49.36	ng	#	41
55) 4-Nitrophenol	10.19	139	389370	152.50	ng	#	37
57) Fluorene	10.66	166	795177	73.87	ng	#	81
58) 2,3,4,6-Tetrachlorophenol	10.44	232	71291m	31.59	ng		
59) Diethylphthalate	10.50	149	338857m	29.11	ng		
60) 4-Chlorophenyl-phenylether	10.63	204	159899	32.67	ng	#	44
61) 4-Nitroaniline	10.63	138	89773	30.53	ng		91
62) Azobenzene	10.79	77	461417	34.32	ng	#	33
66) 4-Bromophenyl-phenylether	11.13	248	166102	46.26	ng	#	66
67) Hexachlorobenzene	11.23	284	102567	25.65	ng	#	57
68) Atrazine	11.27	200	170733	56.41	ng		73
69) Pentachlorophenol	11.39	266	148166	62.25	ng		100
70) Phenanthrene	11.62	178	2588971m	138.03	ng		
71) Anthracene	11.66	178	1168694m	61.01	ng		
72) Carbazole	11.80	167	581965	32.70	ng	#	85
73) Di-n-butylphthalate	12.12	149	798212	36.86	ng		98
74) Fluoranthene	12.80	202	1747834	95.00	ng		88
76) Benzidine	12.89	184	297952	23.28	ng	#	87
77) Pyrene	13.01	202	2175118	67.02	ng		96
79) Butylbenzylphthalate	13.61	149	508248	30.52	ng		98
80) Benzo(a)anthracene	14.18	228	1619432	59.30	ng		98
81) 3,3'-Dichlorobenzidine	14.14	252	257646	26.02	ng	#	99
82) Chrysene	14.22	228	1461479	58.15	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	832879	35.18	ng	#	97
84) Di-n-octyl phthalate	14.78	149	1221315	34.80	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.22	276	1067361	59.56	ng		98
87) Benzo(b)fluoranthene	15.25	252	2101110m	74.94	ng		
88) Benzo(k)fluoranthene	15.29	252	897104m	34.06	ng		
89) Benzo(a)pyrene	15.63	252	1517445	62.79	ng	#	95
90) Dibenzo(a,h)anthracene	17.23	278	701572	34.12	ng	#	94
91) Benzo(g,h,i)perylene	17.68	276	830100	42.07	ng		97

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

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