Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092916\
Data File : BF090293.D
Acq On : 29 Sep 2016 16:15
Operator : UM/SJ
Sample : H4982-06MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-17MSD

Manual Integrations APPROVED
sohil
9/30/2016 4:00:50 PM

Quant Time: Sep 30 11:32:28 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 26 15:58:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.47	152	138138m	20.00	ng		-0.01
21) Naphthalene-d8	7.76	136	519940m	20.00	ng		-0.01
38) Acenaphthene-d10	9.50	164	256603	20.00	ng		-0.01
63) Phenanthrene-d10	10.97	188	347247	20.00	ng		-0.01
75) Chrysene-d12	13.59	240	233237	20.00	ng		-0.01
86) Perylene-d12	14.91	264	213247	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	951853	112.32	ng		0.00
7) Phenol-d6	6.14	99	1231431	117.66	ng		0.00
23) Nitrobenzene-d5	7.04	82	736987	82.17	ng		-0.02
41) 2,4,6-Tribromophenol	10.28	330	240440	109.22	ng		-0.01
44) 2-Fluorobiphenyl	8.83	172	1214375	92.91	ng		-0.02
78) Terphenyl-d14	12.56	244	800026	87.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.87	88	135533	29.48	ng	#	97
3) Pyridine	2.46	79	361143	36.22	ng		99
4) n-Nitrosodimethylamine	2.42	42	136867	45.99	ng		98
6) Aniline	6.12	93	351424m	26.94	ng		
8) 2-Chlorophenol	6.25	128	395908	40.60	ng		90
9) Benzaldehyde	6.00	77	205601	45.08	ng		94
10) Phenol	6.15	94	563818m	45.57	ng		
11) bis(2-Chloroethyl)ether	6.22	93	437781	45.37	ng		93
12) 1,3-Dichlorobenzene	6.40	146	393664m	38.64	ng		
13) 1,4-Dichlorobenzene	6.48	146	405353m	38.97	ng		
14) 1,2-Dichlorobenzene	6.64	146	360842	38.94	ng		98
15) Benzyl Alcohol	6.63	79	300774	48.19	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.76	45	425279	36.89	ng		73
17) 2-Methylphenol	6.75	107	315675m	41.10	ng		
18) Hexachloroethane	6.97	117	107608	29.01	ng		99
19) n-Nitroso-di-n-propylamine	6.90	70	260270	42.33	ng		93
20) 3+4-Methylphenols	6.91	107	410551	44.52	ng		94
22) Acetophenone	6.89	105	567905	45.29	ng	#	98
24) Nitrobenzene	7.06	77	442141	47.31	ng		90
25) Isophorone	7.30	82	762333	40.68	ng		97
26) 2-Nitrophenol	7.38	139	189866	41.26	ng	#	80
27) 2,4-Dimethylphenol	7.44	122	355133	43.44	ng		98
28) bis(2-Chloroethoxy)methane	7.53	93	519705	45.85	ng		99
29) 2,4-Dichlorophenol	7.63	162	313931	43.78	ng		99
30) 1,2,4-Trichlorobenzene	7.70	180	315066	43.98	ng		99
31) Naphthalene	7.77	128	1055534	42.64	ng		100
32) Benzoic acid	7.54	122	18561	3.31	ng		96
33) 4-Chloroaniline	7.84	127	224126	21.82	ng		98
34) Hexachlorobutadiene	7.90	225	156444	41.40	ng		98
35) Caprolactam	8.22	113	103709	43.69	ng		98
36) 4-Chloro-3-methylphenol	8.34	107	314154	38.76	ng		99
37) 2-Methylnaphthalene	8.47	142	678764	44.09	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.64	216	280119	47.56	ng		98
40) Hexachlorocyclopentadiene	8.63	237	35764	12.31	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.75	196	188780	44.98	ng		99
43) 2,4,5-Trichlorophenol	8.80	196	191217	44.00	ng	#	87
45) 1,1'-Biphenyl	8.94	154	821688	44.76	ng		98
46) 2-Chloronaphthalene	8.95	162	602966	44.52	ng		96
47) 2-Nitroaniline	9.06	65	217031	53.15	ng		96
48) Acenaphthylene	9.36	152	893136	40.61	ng		99
49) Dimethylphthalate	9.26	163	1198694	73.34	ng		99
50) 2,6-Dinitrotoluene	9.31	165	159975	43.92	ng	#	59
51) Acenaphthene	9.53	154	520396	39.86	ng		99
52) 3-Nitroaniline	9.47	138	165577	38.77	ng		89
53) 2,4-Dinitrophenol	9.59	184	9447	7.60	ng		94
54) Dibenzofuran	9.70	168	773661	45.03	ng		94
55) 4-Nitrophenol	9.66	139	185599	63.44	ng	#	79
56) 2,4-Dinitrotoluene	9.71	165	178127	41.35	ng	#	58
57) Fluorene	10.04	166	566864	43.78	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.84	232	140906	43.31	ng	#	94
59) Diethylphthalate	9.94	149	716289	45.38	ng		99
60) 4-Chlorophenyl-phenylether	10.04	204	234640	39.74	ng		95
61) 4-Nitroaniline	10.08	138	154966	35.60	ng		86
62) Azobenzene	10.20	77	750367	45.67	ng		95
64) 4,6-Dinitro-2-methylphenol	10.11	198	17068	7.85	ng	#	58
65) n-Nitrosodiphenylamine	10.17	169	574224	50.29	ng		100
66) 4-Bromophenyl-phenylether	10.53	248	157022	45.95	ng	#	73
67) Hexachlorobenzene	10.59	284	179832	45.16	ng		95
68) Atrazine	10.71	200	154575	49.40	ng		99
69) Pentachlorophenol	10.79	266	157895	69.85	ng		98
70) Phenanthrene	10.99	178	910627	56.07	ng		99
71) Anthracene	11.05	178	918034	53.90	ng		100
72) Carbazole	11.21	167	825846	45.86	ng		99
73) Di-n-butylphthalate	11.57	149	997477	47.64	ng	#	97
74) Fluoranthene	12.17	202	1006704	57.75	ng		100
76) Benzidine	12.31	184	311498	39.90	ng		96
77) Pyrene	12.40	202	1088460	68.20	ng		100
79) Butylbenzylphthalate	13.04	149	367840	47.12	ng		87
80) Benzo(a)anthracene	13.58	228	844399	67.29	ng		98
81) 3,3'-Dichlorobenzidine	13.55	252	186967	36.13	ng	#	99
82) Chrysene	13.62	228	728968	59.64	ng		99
83) Bis(2-ethylhexyl)phthalate	13.61	149	484597	48.51	ng	#	98
84) Di-n-octyl phthalate	14.22	149	862493	50.12	ng		100
85) Indeno(1,2,3-cd)pyrene	16.07	276	529336	53.56	ng		95
87) Benzo(b)fluoranthene	14.58	252	971973m	82.31	ng		
88) Benzo(k)fluoranthene	14.61	252	343681m	31.01	ng		
89) Benzo(a)pyrene	14.87	252	625068	56.27	ng	#	97
90) Dibenzo(a,h)anthracene	16.08	278	406471	46.89	ng		99
91) Benzo(g,h,i)perylene	16.41	276	449269	52.95	ng		95

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

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