Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
Data File : BF090229.D
Acq On : 26 Sep 2016 18:51
Operator : UM/SJ
Sample : H4946-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-04I-092216MSD

Manual Integrations APPROVED
sohil
9/27/2016 1:06:43 PM

Quant Time: Sep 27 05:15:39 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	6.48	152	142149	20.00	ng		0.00
21) Naphthalene-d8	7.77	136	581743	20.00	ng		0.00
38) Acenaphthene-d10	9.51	164	304854	20.00	ng		0.00
63) Phenanthrene-d10	10.98	188	485168	20.00	ng		0.00
75) Chrysene-d12	13.60	240	356096	20.00	ng		0.00
86) Perylene-d12	14.91	264	312879	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	523518	60.03	ng		0.01
7) Phenol-d6	6.14	99	453277	42.09	ng		0.00
23) Nitrobenzene-d5	7.05	82	799688	79.69	ng		-0.01
41) 2,4,6-Tribromophenol	10.30	330	296998	113.56	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	1391916	89.64	ng		0.00
78) Terphenyl-d14	12.56	244	1094662	78.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.88	88	59356	12.54	ng	#	94
3) Pyridine	2.48	79	121049	11.80	ng		97
4) n-Nitrosodimethylamine	2.42	42	50248	16.41	ng		94
6) Aniline	6.14	93	349778	26.05	ng	#	68
8) 2-Chlorophenol	6.26	128	341668	34.05	ng		88
9) Benzaldehyde	6.01	77	237395	50.58	ng		97
10) Phenol	6.15	94	199020	15.63	ng	#	75
11) bis(2-Chloroethyl)ether	6.23	93	427241	43.03	ng		92
12) 1,3-Dichlorobenzene	6.41	146	382494	36.49	ng		96
13) 1,4-Dichlorobenzene	6.49	146	382910	35.78	ng		95
14) 1,2-Dichlorobenzene	6.65	146	385288	40.41	ng	#	95
15) Benzyl Alcohol	6.64	79	200696	31.25	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.78	45	454392	38.30	ng		98
17) 2-Methylphenol	6.76	107	232430	29.41	ng		97
18) Hexachloroethane	6.99	117	150225	39.35	ng	#	88
19) n-Nitroso-di-n-propylamine	6.91	70	272756	43.11	ng		96
20) 3+4-Methylphenols	6.92	107	271370	28.60	ng		98
22) Acetophenone	6.90	105	558439	39.81	ng	#	98
24) Nitrobenzene	7.07	77	425409	40.68	ng		92
25) Isophorone	7.32	82	822689	39.24	ng		96
26) 2-Nitrophenol	7.39	139	225915	43.88	ng	#	89
27) 2,4-Dimethylphenol	7.45	122	328060	35.86	ng		99
28) bis(2-Chloroethoxy)methane	7.54	93	508451	40.09	ng		99
29) 2,4-Dichlorophenol	7.63	162	300304	37.43	ng		88
30) 1,2,4-Trichlorobenzene	7.71	180	305970	38.18	ng		98
31) Naphthalene	7.79	128	1180930	42.63	ng		99
32) Benzoic acid	7.55	122	66276	10.55	ng		97
33) 4-Chloroaniline	7.85	127	391267	34.05	ng		97
34) Hexachlorobutadiene	7.92	225	168945	39.96	ng		98
35) Caprolactam	8.23	113	17707	6.67	ng		98
36) 4-Chloro-3-methylphenol	8.34	107	324626	35.80	ng		97
37) 2-Methylnaphthalene	8.48	142	684436	39.73	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	294602	42.10	ng		99
40) Hexachlorocyclopentadiene	8.64	237	275465	79.78	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.76	196	208594	41.83	ng		99
43) 2,4,5-Trichlorophenol	8.80	196	212181	41.09	ng	#	84
45) 1,1'-Biphenyl	8.95	154	894780	41.02	ng		97
46) 2-Chloronaphthalene	8.97	162	694643	43.17	ng		93
47) 2-Nitroaniline	9.07	65	210144	43.32	ng	#	83
48) Acenaphthylene	9.37	152	997338	38.17	ng		99
49) Dimethylphthalate	9.27	163	890658	45.87	ng		100
50) 2,6-Dinitrotoluene	9.31	165	174278	40.27	ng		95
51) Acenaphthene	9.54	154	621824	40.09	ng		98
52) 3-Nitroaniline	9.48	138	181333	35.74	ng		86
53) 2,4-Dinitrophenol	9.59	184	174184	72.27	ng	#	85
54) Dibenzofuran	9.71	168	903415	44.26	ng		95
55) 4-Nitrophenol	9.66	139	102555	29.50	ng		84
56) 2,4-Dinitrotoluene	9.71	165	202673	39.61	ng		94
57) Fluorene	10.06	166	672184	43.70	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.84	232	171758	44.43	ng		99
59) Diethylphthalate	9.95	149	766249	40.86	ng		100
60) 4-Chlorophenyl-phenylether	10.06	204	278664	39.73	ng		93
61) 4-Nitroaniline	10.09	138	191401	37.01	ng		89
62) Azobenzene	10.22	77	907484	46.49	ng		96
64) 4,6-Dinitro-2-methylphenol	10.12	198	138007	45.41	ng		98
65) n-Nitrosodiphenylamine	10.18	169	676718	42.42	ng		99
66) 4-Bromophenyl-phenylether	10.54	248	201850	42.28	ng	#	76
67) Hexachlorobenzene	10.60	284	234564	42.16	ng	#	82
68) Atrazine	10.72	200	214023	48.95	ng		99
69) Pentachlorophenol	10.80	266	253258	80.19	ng		99
70) Phenanthrene	11.01	178	1013411	44.66	ng		99
71) Anthracene	11.06	178	1114481	46.83	ng		99
72) Carbazole	11.22	167	1101756	43.79	ng		98
73) Di-n-butylphthalate	11.57	149	1204851	41.18	ng		100
74) Fluoranthene	12.18	202	1119987	45.99	ng		92
76) Benzidine	12.32	184	535871	44.96	ng		96
77) Pyrene	12.40	202	981474	40.28	ng		99
79) Butylbenzylphthalate	13.04	149	562561	47.20	ng	#	75
80) Benzo(a)anthracene	13.58	228	906620	47.32	ng		99
81) 3,3'-Dichlorobenzidine	13.55	252	283942	35.94	ng	#	97
82) Chrysene	13.62	228	808973	43.35	ng		99
83) Bis(2-ethylhexyl)phthalate	13.61	149	686083	44.98	ng		100
84) Di-n-octyl phthalate	14.22	149	1250379	47.59	ng		99
85) Indeno(1,2,3-cd)pyrene	16.06	276	756609	50.14	ng		97
87) Benzo(b)fluoranthene	14.57	252	738580m	42.63	ng		
88) Benzo(k)fluoranthene	14.59	252	664147m	40.85	ng		
89) Benzo(a)pyrene	14.87	252	689783	42.32	ng		98
90) Dibenzo(a,h)anthracene	16.08	278	631986	49.69	ng	#	96
91) Benzo(g,h,i)perylene	16.40	276	646903	51.97	ng		96

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

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