Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051116\
Data File : BF086908.D
Acq On : 12 May 2016 00:58
Operator : UM/SJ
Sample : H2965-05MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: May 12 01:52:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 12 01:06:48 2016
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
E-19(11.5-12)MS

Manual Integrations APPROVED
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5/12/2016 9:10:06 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	147719	20.00	ng		-0.01
21) Naphthalene-d8	7.92	136	602363	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	281416	20.00	ng		-0.01
63) Phenanthrene-d10	11.14	188	502704	20.00	ng		-0.01
75) Chrysene-d12	13.77	240	273216	20.00	ng		-0.01
86) Perylene-d12	15.13	264	294033	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	1045359	119.85	ng		0.01
7) Phenol-d6	6.30	99	1369770	117.50	ng		-0.01
23) Nitrobenzene-d5	7.21	82	897579	74.82	ng		-0.01
41) 2,4,6-Tribromophenol	10.47	330	339182	113.85	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	1404394	83.87	ng		0.00
78) Terphenyl-d14	12.73	244	1071576	83.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.16	88	129004	30.13	ng	#	68
3) Pyridine	2.81	79	331602	31.68	ng	#	66
4) n-Nitrosodimethylamine	2.76	42	287360	37.85	ng	#	52
6) Aniline	6.31	93	238248	16.90	ng	#	1
8) 2-Chlorophenol	6.42	128	403745	38.36	ng		86
9) Benzaldehyde	6.18	77	35617	5.28	ng		99
10) Phenol	6.32	94	471368	34.02	ng		91
11) bis(2-Chloroethyl)ether	6.38	93	383786	35.52	ng		84
12) 1,3-Dichlorobenzene	6.57	146	430312	37.78	ng	#	95
13) 1,4-Dichlorobenzene	6.65	146	433272	37.30	ng		95
14) 1,2-Dichlorobenzene	6.80	146	357537	35.32	ng		94
15) Benzyl Alcohol	6.80	79	368023	45.72	ng		93
16) 2,2'-oxybis(1-Chloropropan	6.92	45	830583	35.36	ng		74
17) 2-Methylphenol	6.92	107	328724	39.25	ng	#	81
18) Hexachloroethane	7.14	117	161804	37.02	ng		97
19) n-Nitroso-di-n-propylamine	7.06	70	296870	36.44	ng	#	62
20) 3+4-Methylphenols	7.07	107	458630	41.93	ng	#	64
22) Acetophenone	7.05	105	582845	40.96	ng	#	94
24) Nitrobenzene	7.23	77	445592	36.11	ng	#	85
25) Isophorone	7.47	82	835858	37.55	ng		95
26) 2-Nitrophenol	7.54	139	199260	36.73	ng	#	69
27) 2,4-Dimethylphenol	7.60	122	361124	39.08	ng		89
28) bis(2-Chloroethoxy)methane	7.69	93	524272	43.67	ng		99
29) 2,4-Dichlorophenol	7.79	162	341309	41.97	ng		96
30) 1,2,4-Trichlorobenzene	7.86	180	343558	37.78	ng		95
31) Naphthalene	7.94	128	1147802	38.04	ng		99
32) Benzoic acid	7.70	122	32364	5.96	ng	#	81
33) 4-Chloroaniline	8.01	127	107202	9.14	ng		96
34) Hexachlorobutadiene	8.07	225	199338	37.78	ng		98
35) Caprolactam	8.39	113	101776m	36.78	ng		
36) 4-Chloro-3-methylphenol	8.51	107	390387	39.58	ng		99
37) 2-Methylnaphthalene	8.64	142	760124	43.09	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	302803	37.01	ng		98
40) Hexachlorocyclopentadiene	8.79	237	194346	50.04	ng		95

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	217531	39.76	ng		92
43) 2,4,5-Trichlorophenol	8.97	196	227444	40.20	ng	#	86
45) 1,1'-Biphenyl	9.10	154	855323	38.21	ng		95
46) 2-Chloronaphthalene	9.12	162	653234	37.25	ng		93
47) 2-Nitroaniline	9.23	65	285971	44.62	ng		86
48) Acenaphthylene	9.53	152	993204	38.50	ng		99
49) Dimethylphthalate	9.42	163	1042081	48.54	ng		99
50) 2,6-Dinitrotoluene	9.47	165	176861	39.14	ng	#	87
51) Acenaphthene	9.70	154	594654	37.06	ng		98
52) 3-Nitroaniline	9.64	138	108266	22.76	ng		97
53) 2,4-Dinitrophenol	9.76	184	41660	24.00	ng		91
54) Dibenzofuran	9.87	168	865070	42.00	ng		93
55) 4-Nitrophenol	9.83	139	198476	63.57	ng	#	42
56) 2,4-Dinitrotoluene	9.87	165	202941	36.29	ng	#	52
57) Fluorene	10.22	166	662854	37.73	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	179708	42.19	ng		97
59) Diethylphthalate	10.11	149	829690	39.66	ng		95
60) 4-Chlorophenyl-phenylether	10.22	204	342775	44.80	ng	#	85
61) 4-Nitroaniline	10.26	138	178812	39.14	ng		83
62) Azobenzene	10.38	77	977846	43.32	ng		87
64) 4,6-Dinitro-2-methylphenol	10.28	198	85016	27.22	ng	#	77
65) n-Nitrosodiphenylamine	10.34	169	675221	43.72	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	193973	38.06	ng		92
67) Hexachlorobenzene	10.76	284	244188	40.99	ng		97
68) Atrazine	10.87	200	194648	37.73	ng		95
69) Pentachlorophenol	10.97	266	217117	78.87	ng		98
70) Phenanthrene	11.18	178	1373913	51.21	ng		100
71) Anthracene	11.22	178	1077398	39.27	ng		100
72) Carbazole	11.38	167	908051	38.50	ng		98
73) Di-n-butylphthalate	11.72	149	1250025	43.40	ng		99
74) Fluoranthene	12.35	202	1286337	46.62	ng		98
76) Benzidine	12.49	184	440241	63.21	ng		96
77) Pyrene	12.58	202	1341594	64.14	ng		100
79) Butylbenzylphthalate	13.21	149	450810	50.95	ng	#	83
80) Benzo(a)anthracene	13.76	228	796017	51.90	ng		98
81) 3,3'-Dichlorobenzidine	13.74	252	115776	11.88	ng	#	96
82) Chrysene	13.81	228	763114	48.91	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	550312	51.71	ng		97
84) Di-n-octyl phthalate	14.38	149	870991	49.41	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.39	276	781893	60.23	ng		94
87) Benzo(b)fluoranthene	14.77	252	801183m	41.93	ng		
88) Benzo(k)fluoranthene	14.79	252	627857m	40.13	ng		
89) Benzo(a)pyrene	15.09	252	761354m	46.19	ng		
90) Dibenzo(a,h)anthracene	16.40	278	620434	44.66	ng		98
91) Benzo(g,h,i)perylene	16.77	276	676657	47.94	ng	#	93

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

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