Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042215\
Data File : BF078740.D
Acq On : 23 Apr 2015 6:08
Operator : TP/IZ
Sample : G1938-14MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-77DMSD

Manual Integrations APPROVED
apatel
4/23/2015 2:15:38 PM

Quant Time: Apr 23 07:01:54 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 00:55:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.79	152	24097	20.00	ng		0.00
21) Naphthalene-d8	7.94	136	97961	20.00	ng		-0.01
38) Acenaphthene-d10	11.13	164	49167	20.00	ng		0.00
63) Phenanthrene-d10	13.86	188	101344	20.00	ng		0.00
75) Chrysene-d12	17.74	240	107277	20.00	ng		0.00
86) Perylene-d12	19.46	264	109204	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	3.80	112	193459	132.37	ng		0.00
7) Phenol-d6	5.29	99	241460	131.83	ng		0.00
23) Nitrobenzene-d5	6.73	82	140397	86.87	ng		0.00
41) 2,4,6-Tribromophenol	12.61	330	61401	150.58	ng		0.00
44) 2-Fluorobiphenyl	9.96	172	296831	86.30	ng		0.00
78) Terphenyl-d14	16.40	244	349169	73.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.37	88	22801	34.50	ng	#	23
3) Pyridine	1.86	79	55256	31.92	ng	#	93
4) n-Nitrosodimethylamine	1.82	42	30143	45.23	ng		91
6) Aniline	5.28	93	62380	24.02	ng		93
8) 2-Chlorophenol	5.45	128	72958	42.22	ng		99
9) Benzaldehyde	5.10	77	8396	6.92	ng		95
10) Phenol	5.31	94	93238	42.48	ng		97
11) bis(2-Chloroethyl)ether	5.42	93	65782	41.68	ng		95
12) 1,3-Dichlorobenzene	5.68	146	75957	40.01	ng		99
13) 1,4-Dichlorobenzene	5.82	146	79374	41.54	ng		96
14) 1,2-Dichlorobenzene	6.04	146	73317	40.92	ng		100
15) Benzyl Alcohol	6.07	79	60178	46.75	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.31	45	86256	40.97	ng		85
17) 2-Methylphenol	6.30	107	57732	43.03	ng		95
18) Hexachloroethane	6.59	117	25943	40.26	ng	#	81
19) n-Nitroso-di-n-propylamine	6.52	70	51795	42.86	ng		97
20) 3+4-Methylphenols	6.57	107	76896	42.96	ng		93
22) Acetophenone	6.49	105	103931	45.53	ng	#	93
24) Nitrobenzene	6.76	77	73382	43.43	ng		93
25) Isophorone	7.19	82	134663	43.90	ng		95
26) 2-Nitrophenol	7.31	139	35680	44.32	ng		95
27) 2,4-Dimethylphenol	7.47	122	65047	43.45	ng		94
28) bis(2-Chloroethoxy)methane	7.63	93	83098	42.25	ng		98
29) 2,4-Dichlorophenol	7.76	162	61372	45.06	ng		96
30) 1,2,4-Trichlorobenzene	7.87	180	63479	40.65	ng		98
31) Naphthalene	7.99	128	213956	41.96	ng		99
32) Benzoic acid	7.67	122	8489	16.39	ng		93
33) 4-Chloroaniline	8.15	127	55466	26.22	ng		98
34) Hexachlorobutadiene	8.24	225	35556	41.47	ng		97
35) Caprolactam	8.76	113	17596	43.28	ng		93
36) 4-Chloro-3-methylphenol	9.11	107	62910	45.78	ng		88
37) 2-Methylnaphthalene	9.24	142	148150	42.80	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	63214	41.49	ng		99
40) Hexachlorocyclopentadiene	9.54	237	43321	67.24	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.80	196	41916	43.63	ng		98
43) 2,4,5-Trichlorophenol	9.88	196	43637	43.47	ng		92
45) 1,1'-Biphenyl	10.12	154	169127	42.05	ng		97
46) 2-Chloronaphthalene	10.12	162	131743	41.63	ng		96
47) 2-Nitroaniline	10.36	65	39338	50.25	ng		96
48) Acenaphthylene	10.87	152	219678	42.99	ng		99
49) Dimethylphthalate	10.78	163	191930	51.96	ng	#	97
50) 2,6-Dinitrotoluene	10.86	165	34963	46.01	ng	#	37
51) Acenaphthene	11.19	154	126392	43.93	ng		99
52) 3-Nitroaniline	11.14	138	30997	35.87	ng		99
53) 2,4-Dinitrophenol	11.37	184	12374	51.64	ng		94
54) Dibenzofuran	11.52	168	197942	45.05	ng		99
55) 4-Nitrophenol	11.58	139	43466	68.71	ng		83
56) 2,4-Dinitrotoluene	11.60	165	49303	50.09	ng	#	86
57) Fluorene	12.15	166	161458	45.33	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.79	232	31951	42.94	ng		94
59) Diethylphthalate	12.09	149	165069	46.35	ng		97
60) 4-Chlorophenyl-phenylether	12.22	204	72986	44.54	ng	#	87
61) 4-Nitroaniline	12.26	138	34915	39.97	ng		91
62) Azobenzene	12.50	77	153136	47.11	ng		93
64) 4,6-Dinitro-2-methylphenol	12.34	198	16984	36.30	ng		87
65) n-Nitrosodiphenylamine	12.46	169	140705	40.14	ng		97
66) 4-Bromophenyl-phenylether	13.11	248	45422	42.32	ng		93
67) Hexachlorobenzene	13.15	284	46484	39.52	ng		100
68) Atrazine	13.52	200	53821	53.01	ng		94
69) Pentachlorophenol	13.57	266	32046	63.24	ng		99
70) Phenanthrene	13.91	178	243565	41.55	ng		99
71) Anthracene	14.00	178	240257	41.59	ng		99
72) Carbazole	14.33	167	241203	44.55	ng		99
73) Di-n-butylphthalate	15.03	149	279254	45.53	ng		99
74) Fluoranthene	15.81	202	267928	43.34	ng		93
76) Benzidine	16.07	184	145069	35.12	ng		98
77) Pyrene	16.11	202	281395	41.78	ng		98
79) Butylbenzylphthalate	17.11	149	123270	48.03	ng	#	79
80) Benzo(a)anthracene	17.73	228	259386	40.64	ng		98
81) 3,3'-Dichlorobenzidine	17.74	252	79710	37.29	ng	#	98
82) Chrysene	17.77	228	250138	41.71	ng		99
83) Bis(2-ethylhexyl)phthalate	17.87	149	181848	45.17	ng		99
84) Di-n-octyl phthalate	18.66	149	323621	48.96	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.65	276	294652	43.30	ng	#	87
87) Benzo(b)fluoranthene	19.03	252	286775	42.49	ng	#	96
88) Benzo(k)fluoranthene	19.06	252	233825m	38.99	ng		
89) Benzo(a)pyrene	19.41	252	254477	43.20	ng		98
90) Dibenzo(a,h)anthracene	20.67	278	240854m	40.84	ng		
91) Benzo(g,h,i)perylene	20.97	276	244716m	41.39	ng		

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

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