Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070715\
Data File : BF080379.D
Acq On : 7 Jul 2015 18:59
Operator : TP/UM
Sample : G2906-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOMWEST-1MS

Manual Integrations APPROVED
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7/8/2015 4:26:56 PM

Quant Time: Jul 08 02:23:32 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 07 03:05:40 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	36933	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	140409	20.00	ng		0.00
38) Acenaphthene-d10	10.29	164	70113	20.00	ng		0.00
63) Phenanthrene-d10	11.79	188	144338	20.00	ng		0.00
75) Chrysene-d12	14.68	240	158245	20.00	ng		-0.06
86) Perylene-d12	16.49	264	151472	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	321287	159.32	ng		0.00
7) Phenol-d6	6.84	99	425355	159.13	ng		0.01
23) Nitrobenzene-d5	7.79	82	246385	102.35	ng		0.00
41) 2,4,6-Tribromophenol	11.08	330	109335	149.03	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	430708	82.90	ng		0.00
78) Terphenyl-d14	13.45	244	536861	79.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	36089	37.90	ng		97
3) Pyridine	3.87	79	104626	43.18	ng		99
4) n-Nitrosodimethylamine	3.78	42	49332	43.33	ng		94
6) Aniline	6.89	93	131933	35.65	ng		99
8) 2-Chlorophenol	7.01	128	108735	46.51	ng		99
9) Benzaldehyde	6.77	77	57519	38.69	ng		98
10) Phenol	6.85	94	146162	50.42	ng		95
11) bis(2-Chloroethyl)ether	6.94	93	98059	44.84	ng		98
12) 1,3-Dichlorobenzene	7.17	146	124388	43.34	ng		99
13) 1,4-Dichlorobenzene	7.24	146	116641m	43.52	ng		
14) 1,2-Dichlorobenzene	7.40	146	121844	44.92	ng		98
15) Benzyl Alcohol	7.36	79	99112	47.90	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.49	45	157559	44.56	ng		99
17) 2-Methylphenol	7.47	107	82828	45.71	ng		97
18) Hexachloroethane	7.74	117	37320	43.34	ng	#	61
19) n-Nitroso-di-n-propylamine	7.62	70	74200	42.78	ng	#	75
20) 3+4-Methylphenols	7.62	107	115931	45.91	ng		94
22) Acetophenone	7.63	105	161945	49.99	ng	#	97
24) Nitrobenzene	7.80	77	114089	47.18	ng		99
25) Isophorone	8.04	82	223102	48.15	ng		98
26) 2-Nitrophenol	8.12	139	49340	47.15	ng	#	54
27) 2,4-Dimethylphenol	8.16	122	99398	48.28	ng		96
28) bis(2-Chloroethoxy)methane	8.25	93	140542	48.84	ng		99
29) 2,4-Dichlorophenol	8.36	162	90298	49.39	ng	#	83
30) 1,2,4-Trichlorobenzene	8.45	180	94204	43.36	ng	#	90
31) Naphthalene	8.54	128	315948	43.87	ng		99
32) Benzoic acid	8.20	122	17648	21.58	ng		85
33) 4-Chloroaniline	8.58	127	100611m	35.05	ng		
34) Hexachlorobutadiene	8.66	225	59189	44.78	ng		99
35) Caprolactam	8.91	113	24599	43.57	ng	#	86
36) 4-Chloro-3-methylphenol	9.05	107	86865	46.05	ng		99
37) 2-Methylnaphthalene	9.23	142	210952	45.94	ng	#	95
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	95521	42.99	ng		98
40) Hexachlorocyclopentadiene	9.39	237	67598	73.78	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	63094	43.11	ng		99
43) 2,4,5-Trichlorophenol	9.55	196	76644	44.92	ng		97
45) 1,1'-Biphenyl	9.70	154	275874	44.33	ng		98
46) 2-Chloronaphthalene	9.73	162	200147	42.18	ng		99
47) 2-Nitroaniline	9.81	65	63981	48.19	ng		98
48) Acenaphthylene	10.14	152	324067	41.03	ng		99
49) Dimethylphthalate	9.98	163	355714	63.19	ng		100
50) 2,6-Dinitrotoluene	10.05	165	54770	46.54	ng		92
51) Acenaphthene	10.33	154	192377	40.69	ng		99
52) 3-Nitroaniline	10.22	138	55011	41.48	ng		94
53) 2,4-Dinitrophenol	10.33	184	13425	31.36	ng	#	1
54) Dibenzofuran	10.50	168	286313	42.59	ng		99
55) 4-Nitrophenol	10.37	139	91333	93.96	ng		93
56) 2,4-Dinitrotoluene	10.46	165	65885	43.53	ng		98
57) Fluorene	10.84	166	250190	43.22	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	58544	42.84	ng		98
59) Diethylphthalate	10.69	149	257919	45.87	ng		100
60) 4-Chlorophenyl-phenylether	10.83	204	108672	42.42	ng		98
61) 4-Nitroaniline	10.84	138	56723	44.06	ng		98
62) Azobenzene	10.99	77	229282	42.93	ng		98
64) 4,6-Dinitro-2-methylphenol	10.88	198	25718	32.53	ng		94
65) n-Nitrosodiphenylamine	10.94	169	201030	43.73	ng		98
66) 4-Bromophenyl-phenylether	11.32	248	73971	44.74	ng		91
67) Hexachlorobenzene	11.40	284	74855	43.16	ng		96
68) Atrazine	11.46	200	70080	51.21	ng		98
69) Pentachlorophenol	11.59	266	64740	75.48	ng		94
70) Phenanthrene	11.81	178	378270	43.69	ng		100
71) Anthracene	11.87	178	363975	42.88	ng		99
72) Carbazole	12.02	167	343402	43.37	ng		98
73) Di-n-butylphthalate	12.34	149	388628	42.91	ng		100
74) Fluoranthene	13.05	202	385196	41.41	ng		97
76) Benzidine	13.17	184	234408	58.40	ng		98
77) Pyrene	13.30	202	402388	42.04	ng		100
79) Butylbenzylphthalate	13.99	149	174803	45.77	ng		94
80) Benzo(a)anthracene	14.67	228	399603	41.90	ng		100
81) 3,3'-Dichlorobenzidine	14.61	252	125599	39.72	ng	#	96
82) Chrysene	14.72	228	375827	42.12	ng		99
83) Bis(2-ethylhexyl)phthalate	14.65	149	265481	45.60	ng	#	99
84) Di-n-octyl phthalate	15.43	149	440574	45.81	ng		99
85) Indeno(1,2,3-cd)pyrene	18.25	276	438702	41.81	ng		99
87) Benzo(b)fluoranthene	15.97	252	378637	39.78	ng	#	98
88) Benzo(k)fluoranthene	16.01	252	387310	42.98	ng	#	96
89) Benzo(a)pyrene	16.41	252	377895	43.41	ng	#	98
90) Dibenzo(a,h)anthracene	18.27	278	364981	42.57	ng		99
91) Benzo(g,h,i)perylene	18.79	276	366176	42.12	ng		98

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

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