Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070615\
Data File : BF080365.D
Acq On : 7 Jul 2015 3:18
Operator : TP/IZ
Sample : G2874-01MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SP-1MSD

Manual Integrations APPROVED
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7/7/2015 4:26:38 PM

Quant Time: Jul 07 06:35:40 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	37289	20.00	ng		0.00
21) Naphthalene-d8	8.52	136	140950	20.00	ng		0.00
38) Acenaphthene-d10	10.29	164	67346	20.00	ng		0.00
63) Phenanthrene-d10	11.79	188	141129	20.00	ng		0.00
75) Chrysene-d12	14.69	240	148883	20.00	ng		-0.05
86) Perylene-d12	16.50	264	160670	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.84	112	297932	146.33	ng		0.00
7) Phenol-d6	6.84	99	406858	150.75	ng		0.01
23) Nitrobenzene-d5	7.79	82	237484	98.27	ng		0.00
41) 2,4,6-Tribromophenol	11.08	330	105284	149.41	ng		0.00
44) 2-Fluorobiphenyl	9.60	172	500509	100.30	ng		0.00
78) Terphenyl-d14	13.45	244	579008	90.71	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.02	88	31860	33.14	ng		91
3) Pyridine	3.87	79	96219	39.33	ng		98
4) n-Nitrosodimethylamine	3.78	42	54763	47.64	ng		98
6) Aniline	6.89	93	102196	27.35	ng		100
8) 2-Chlorophenol	7.01	128	112765	47.78	ng		97
9) Benzaldehyde	6.77	77	69623	46.38	ng		98
10) Phenol	6.85	94	155339	53.08	ng		93
11) bis(2-Chloroethyl)ether	6.94	93	98292	44.52	ng		99
12) 1,3-Dichlorobenzene	7.17	146	126892	43.79	ng		100
13) 1,4-Dichlorobenzene	7.24	146	114736m	42.40	ng		
14) 1,2-Dichlorobenzene	7.40	146	125798	45.93	ng		98
15) Benzyl Alcohol	7.36	79	99752	47.75	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.49	45	167336	46.87	ng		99
17) 2-Methylphenol	7.47	107	83696	45.75	ng		97
18) Hexachloroethane	7.74	117	38438	44.21	ng	#	61
19) n-Nitroso-di-n-propylamine	7.63	70	77865	44.46	ng		99
20) 3+4-Methylphenols	7.62	107	121465	47.64	ng		96
22) Acetophenone	7.63	105	161688	49.72	ng	#	98
24) Nitrobenzene	7.80	77	113444	46.73	ng		99
25) Isophorone	8.04	82	221253	47.57	ng		99
26) 2-Nitrophenol	8.13	139	51036	48.58	ng		99
27) 2,4-Dimethylphenol	8.16	122	103518	50.08	ng		99
28) bis(2-Chloroethoxy)methane	8.25	93	141897	49.12	ng		99
29) 2,4-Dichlorophenol	8.37	162	90117	49.11	ng		98
30) 1,2,4-Trichlorobenzene	8.46	180	96127	44.07	ng		98
31) Naphthalene	8.54	128	335848m	46.45	ng		
32) Benzoic acid	8.20	122	20830	24.16	ng		96
33) 4-Chloroaniline	8.58	127	71737	24.89	ng		95
34) Hexachlorobutadiene	8.66	225	62026	46.75	ng		98
35) Caprolactam	8.92	113	27113	47.84	ng	#	77
36) 4-Chloro-3-methylphenol	9.06	107	87607	46.27	ng	#	67
37) 2-Methylnaphthalene	9.23	142	211513	45.89	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	9.40	216	98822	46.30	ng		98
40) Hexachlorocyclopentadiene	9.39	237	58672	67.35	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.52	196	66688	47.43	ng		98
43) 2,4,5-Trichlorophenol	9.55	196	77966	47.57	ng		98
45) 1,1'-Biphenyl	9.70	154	290991	48.68	ng		99
46) 2-Chloronaphthalene	9.73	162	207389	45.50	ng		99
47) 2-Nitroaniline	9.81	65	65293	51.20	ng		99
48) Acenaphthylene	10.14	152	387939	51.14	ng		99
49) Dimethylphthalate	9.98	163	314755	58.21	ng		100
50) 2,6-Dinitrotoluene	10.05	165	55694	49.27	ng		96
51) Acenaphthene	10.32	154	213544	47.02	ng		97
52) 3-Nitroaniline	10.22	138	41570	32.63	ng		94
53) 2,4-Dinitrophenol	10.34	184	32713	67.80	ng		99
54) Dibenzofuran	10.50	168	310729	48.12	ng		99
55) 4-Nitrophenol	10.37	139	93443	100.09	ng		86
56) 2,4-Dinitrotoluene	10.46	165	71278	49.03	ng		99
57) Fluorene	10.84	166	268693	48.33	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.61	232	61864	47.13	ng		99
59) Diethylphthalate	10.69	149	269468	49.89	ng		100
60) 4-Chlorophenyl-phenylether	10.83	204	116206	47.23	ng		98
61) 4-Nitroaniline	10.84	138	55319	44.74	ng		97
62) Azobenzene	10.99	77	240085	46.80	ng		97
64) 4,6-Dinitro-2-methylphenol	10.88	198	32200	40.17	ng		96
65) n-Nitrosodiphenylamine	10.94	169	211252	46.99	ng		99
66) 4-Bromophenyl-phenylether	11.32	248	76651	47.41	ng		92
67) Hexachlorobenzene	11.40	284	78427	46.25	ng		98
68) Atrazine	11.46	200	66653	49.81	ng		99
69) Pentachlorophenol	11.59	266	70501	84.07	ng		97
70) Phenanthrene	11.81	178	596187	70.43	ng		99
71) Anthracene	11.87	178	507051	61.09	ng		100
72) Carbazole	12.02	167	406013	52.45	ng		98
73) Di-n-butylphthalate	12.34	149	419503	47.37	ng		99
74) Fluoranthene	13.06	202	1421309	156.27	ng		97
76) Benzidine	13.17	184	171854	45.51	ng		97
77) Pyrene	13.31	202	1320523	146.64	ng		99
79) Butylbenzylphthalate	13.97	149	183395	51.04	ng	#	78
80) Benzo(a)anthracene	14.67	228	943954m	105.20	ng		
81) 3,3'-Dichlorobenzidine	14.63	252	89595	30.11	ng		100
82) Chrysene	14.72	228	784892	93.49	ng		98
83) Bis(2-ethylhexyl)phthalate	14.65	149	288626	52.69	ng	#	98
84) Di-n-octyl phthalate	15.44	149	494271	54.63	ng		98
85) Indeno(1,2,3-cd)pyrene	18.27	276	870152	88.15	ng		99
87) Benzo(b)fluoranthene	15.99	252	1003487m	99.38	ng		
88) Benzo(k)fluoranthene	16.02	252	699367m	73.17	ng		
89) Benzo(a)pyrene	16.43	252	878055	95.09	ng		99
90) Dibenzo(a,h)anthracene	18.28	278	441269	48.52	ng		97
91) Benzo(g,h,i)perylene	18.81	276	773867	83.92	ng		97

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

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