Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092815\
Data File : BF081870.D
Acq On : 29 Sep 2015 7:04
Operator : UM/IZ
Sample : G3717-09MS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PZ-1-9-17-15MS

Manual Integrations APPROVED

Quant Time: Sep 29 08:36:21 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 28 18:10:42 2015
Response via : Initial Calibration

MMDadoda

9/29/2015 12:11:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	106495	20.00	ng		0.00
21) Naphthalene-d8	8.22	136	420386	20.00	ng		0.00
38) Acenaphthene-d10	9.98	164	200762	20.00	ng		0.00
63) Phenanthrene-d10	11.47	188	379467	20.00	ng		0.01
75) Chrysene-d12	14.12	240	343913	20.00	ng		0.00
86) Perylene-d12	15.58	264	274279	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	413196	70.43	ng		0.00
7) Phenol-d6	6.56	99	353027	47.82	ng		0.00
23) Nitrobenzene-d5	7.51	82	727631	115.38	ng		0.01
41) 2,4,6-Tribromophenol	10.78	330	326322	160.49	ng		0.01
44) 2-Fluorobiphenyl	9.30	172	1289840	115.38	ng		0.00
78) Terphenyl-d14	13.05	244	1168514	126.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	46506	18.23	ng		88
3) Pyridine	3.36	79	78546	11.83	ng		90
4) n-Nitrosodimethylamine	3.29	42	51133	16.95	ng		97
6) Aniline	6.61	93	156904	15.82	ng	#	90
8) 2-Chlorophenol	6.72	128	262293	40.49	ng		96
9) Benzaldehyde	6.48	77	99147	20.51	ng	#	82
10) Phenol	6.57	94	126924	15.33	ng		75
11) bis(2-Chloroethyl)ether	6.66	93	329678	51.34	ng		97
12) 1,3-Dichlorobenzene	6.87	146	329660m	43.08	ng		
13) 1,4-Dichlorobenzene	6.95	146	360059m	45.06	ng		
14) 1,2-Dichlorobenzene	7.11	146	311424	43.74	ng		98
15) Benzyl Alcohol	7.07	79	166388	31.22	ng	#	74
16) 2,2'-oxybis(1-Chloropropan	7.21	45	457381	50.38	ng		78
17) 2-Methylphenol	7.19	107	180196	34.31	ng	#	84
18) Hexachloroethane	7.44	117	108404	43.34	ng		87
19) n-Nitroso-di-n-propylamine	7.35	70	217950	48.58	ng	#	77
20) 3+4-Methylphenols	7.34	107	199473	30.07	ng	#	31
22) Acetophenone	7.35	105	452574	52.65	ng	#	85
24) Nitrobenzene	7.52	77	331569	48.42	ng	#	69
25) Isophorone	7.76	82	606635	48.53	ng	#	93
26) 2-Nitrophenol	7.84	139	172815	52.57	ng	#	77
27) 2,4-Dimethylphenol	7.87	122	253337	43.81	ng	#	82
28) bis(2-Chloroethoxy)methane	7.98	93	373582	50.33	ng	#	94
29) 2,4-Dichlorophenol	8.08	162	276999	49.40	ng		99
30) 1,2,4-Trichlorobenzene	8.16	180	300372	47.98	ng		98
31) Naphthalene	8.24	128	831034m	44.61	ng		
32) Benzoic acid	7.98	122	60699	22.21	ng	#	80
33) 4-Chloroaniline	8.31	127	172017	21.36	ng	#	94
34) Hexachlorobutadiene	8.35	225	162806	43.98	ng		98
36) 4-Chloro-3-methylphenol	8.77	107	258971	47.23	ng	#	80
37) 2-Methylnaphthalene	8.94	142	642341	50.52	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	9.10	216	291710	47.33	ng		99
40) Hexachlorocyclopentadiene	9.09	237	261874	82.51	ng		96
42) 2,4,6-Trichlorophenol	9.21	196	195867	46.35	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.26	196	221895	51.07	ng		96
45) 1,1'-Biphenyl	9.41	154	777021	50.17	ng		94
46) 2-Chloronaphthalene	9.43	162	602830	49.57	ng		94
47) 2-Nitroaniline	9.53	65	188593	52.82	ng		86
48) Acenaphthylene	9.84	152	859491	44.16	ng		96
49) Dimethylphthalate	9.70	163	658849	47.54	ng	#	97
50) 2,6-Dinitrotoluene	9.77	165	160705	53.41	ng	#	92
51) Acenaphthene	10.01	154	609142	52.70	ng		89
52) 3-Nitroaniline	9.94	138	86332	24.80	ng	#	77
53) 2,4-Dinitrophenol	10.05	184	146558	91.11	ng	#	70
54) Dibenzofuran	10.18	168	799565	48.95	ng	#	84
55) 4-Nitrophenol	10.10	139	93309	37.10	ng	#	51
56) 2,4-Dinitrotoluene	10.17	165	209516	54.63	ng	#	85
57) Fluorene	10.53	166	598565	51.54	ng		91
58) 2,3,4,6-Tetrachlorophenol	10.31	232	181641m	52.70	ng		
59) Diethylphthalate	10.40	149	642209	49.61	ng		98
60) 4-Chlorophenyl-phenylether	10.53	204	298717	49.95	ng		96
61) 4-Nitroaniline	10.56	138	143402	41.09	ng	#	46
62) Azobenzene	10.69	77	671210	53.13	ng		95
64) 4,6-Dinitro-2-methylphenol	10.58	198	101753	56.68	ng	#	63
65) n-Nitrosodiphenylamine	10.64	169	538157	46.87	ng		91
66) 4-Bromophenyl-phenylether	11.02	248	197662	51.66	ng	#	89
67) Hexachlorobenzene	11.07	284	222178	51.45	ng	#	86
68) Atrazine	11.19	200	169015	47.45	ng		84
69) Pentachlorophenol	11.27	266	255002	103.64	ng		98
70) Phenanthrene	11.50	178	990743	54.61	ng		96
71) Anthracene	11.54	178	955244	49.53	ng		97
72) Carbazole	11.70	167	874063	50.07	ng		94
73) Di-n-butylphthalate	12.03	149	984579	55.70	ng		99
74) Fluoranthene	12.69	202	1087826	53.51	ng		88
77) Pyrene	12.91	202	1074161m	52.28	ng		
79) Butylbenzylphthalate	13.53	149	453728	58.69	ng		94
80) Benzo(a)anthracene	14.10	228	951743	51.39	ng		94
81) 3,3'-Dichlorobenzidine	14.07	252	29543	4.72	ng		96
82) Chrysene	14.14	228	775096m	52.42	ng		
83) Bis(2-ethylhexyl)phthalate	14.08	149	579620	59.77	ng	#	89
84) Di-n-octyl phthalate	14.70	149	944370	59.84	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.05	276	816816	56.38	ng	#	86
87) Benzo(b)fluoranthene	15.16	252	768659	49.09	ng	#	86
88) Benzo(k)fluoranthene	15.19	252	769634m	53.62	ng		
89) Benzo(a)pyrene	15.52	252	706767	52.03	ng	#	86
90) Dibenzo(a,h)anthracene	17.08	278	660064	57.92	ng	#	81
91) Benzo(g,h,i)perylene	17.50	276	707295	60.56	ng	#	76

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

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