Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092115\
Data File : BF081723.D
Acq On : 21 Sep 2015 20:18
Operator : UM/IZ
Sample : G3717-09MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
MMDadoda
9/22/2015 2:15:27 PM

Quant Time: Sep 22 03:11:29 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 14:03:59 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41584	20.00	ng		-0.06
21) Naphthalene-d8	11.06	136	162115	20.00	ng		-0.06
38) Acenaphthene-d10	15.20	164	73549	20.00	ng		-0.06
63) Phenanthrene-d10	18.71	188	152185	20.00	ng		-0.04
75) Chrysene-d12	23.35	240	115024	20.00	ng		-0.03
86) Perylene-d12	24.79	264	82975	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	174522	65.11	ng		-0.02
7) Phenol-d6	7.60	99	148870	41.96	ng		-0.04
23) Nitrobenzene-d5	9.48	82	364505	108.48	ng		-0.06
41) 2,4,6-Tribromophenol	17.12	330	110540	168.79	ng		-0.04
44) 2-Fluorobiphenyl	13.72	172	617277	107.55	ng		-0.06
78) Terphenyl-d14	22.07	244	526770	106.61	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	1.57	88	28005	23.27	ng	#	59
3) Pyridine	2.12	79	38972	11.74	ng	#	86
4) n-Nitrosodimethylamine	2.05	42	40234	21.82	ng	#	55
6) Aniline	7.48	93	84006	16.77	ng	#	84
8) 2-Chlorophenol	7.72	128	110546	37.43	ng	#	78
9) Benzaldehyde	7.19	77	46095	20.74	ng	#	75
10) Phenol	7.62	94	58257	14.16	ng	#	39
11) bis(2-Chloroethyl)ether	7.69	93	137092	46.18	ng		85
12) 1,3-Dichlorobenzene	8.01	146	124151	39.34	ng	#	90
13) 1,4-Dichlorobenzene	8.20	146	128202	39.90	ng	#	90
14) 1,2-Dichlorobenzene	8.52	146	124218	42.94	ng	#	89
15) Benzyl Alcohol	8.62	79	82970	28.51	ng	#	71
16) 2,2'-oxybis(1-Chloropropan	8.93	45	282900	49.72	ng		96
17) 2-Methylphenol	8.97	107	72713	30.85	ng	#	80
18) Hexachloroethane	9.25	117	50137	40.11	ng		90
19) n-Nitroso-di-n-propylamine	9.25	70	113642	47.07	ng	#	89
20) 3+4-Methylphenols	9.35	107	80978	25.49	ng		85
22) Acetophenone	9.16	105	209946	47.41	ng	#	74
24) Nitrobenzene	9.51	77	176193	50.49	ng	#	61
25) Isophorone	10.10	82	295085	47.21	ng	#	84
26) 2-Nitrophenol	10.24	139	65731	43.22	ng	#	18
27) 2,4-Dimethylphenol	10.53	122	106073	40.38	ng	#	75
28) bis(2-Chloroethoxy)methane	10.71	93	174033	48.21	ng	#	92
29) 2,4-Dichlorophenol	10.87	162	98853	43.40	ng		92
30) 1,2,4-Trichlorobenzene	10.97	180	110579	44.69	ng		97
31) Naphthalene	11.11	128	390240	45.14	ng		98
32) Benzoic acid	11.01	122	18092	11.68	ng	#	46
33) 4-Chloroaniline	11.37	127	63658	18.05	ng	#	84
34) Hexachlorobutadiene	11.46	225	68727	45.64	ng		98
35) Caprolactam	12.47	113	5825m	8.34	ng		
36) 4-Chloro-3-methylphenol	12.68	107	116944	45.87	ng	#	73
37) 2-Methylnaphthalene	12.77	142	269401	47.88	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	13.17	216	116531	50.10	ng		98
40) Hexachlorocyclopentadiene	13.15	237	88332	77.38	ng		96

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42) 2,4,6-Trichlorophenol	13.53	196	73105	45.54	ng		97
43) 2,4,5-Trichlorophenol	13.66	196	78725	48.07	ng	#	92
45) 1,1'-Biphenyl	13.91	154	324769	48.00	ng		95
46) 2-Chloronaphthalene	13.90	162	238860	48.88	ng	#	86
47) 2-Nitroaniline	14.27	65	102296	51.36	ng	#	59
48) Acenaphthylene	14.86	152	391939	45.21	ng		97
49) Dimethylphthalate	14.80	163	286577	50.15	ng	#	97
50) 2,6-Dinitrotoluene	14.91	165	59579	45.94	ng	#	40
51) Acenaphthene	15.28	154	229265	46.49	ng		88
52) 3-Nitroaniline	15.27	138	34596	23.43	ng	#	48
53) 2,4-Dinitrophenol	15.56	184	62063	92.58	ng	#	18
54) Dibenzofuran	15.71	168	360357	50.04	ng	#	84
55) 4-Nitrophenol	15.97	139	25982	28.01	ng	#	1
56) 2,4-Dinitrotoluene	15.85	165	82109	49.72	ng	#	44
57) Fluorene	16.52	166	285866	52.31	ng		95
58) 2,3,4,6-Tetrachlorophenol	16.08	232	61508	49.19	ng		92
59) Diethylphthalate	16.49	149	325214	54.10	ng		95
60) 4-Chlorophenyl-phenylether	16.61	204	137152	53.85	ng	#	85
61) 4-Nitroaniline	16.75	138	46861m	31.41	ng		
62) Azobenzene	16.97	77	355127	53.14	ng		80
64) 4,6-Dinitro-2-methylphenol	16.83	198	41264	48.48	ng	#	77
65) n-Nitrosodiphenylamine	16.94	169	242069	43.71	ng		93
66) 4-Bromophenyl-phenylether	17.75	248	76131	49.47	ng	#	92
67) Hexachlorobenzene	17.80	284	78226	48.62	ng	#	82
68) Atrazine	18.40	200	78630	49.07	ng	#	78
69) Pentachlorophenol	18.37	266	71385	89.92	ng		97
70) Phenanthrene	18.77	178	399907	47.27	ng		97
71) Anthracene	18.89	178	409811	47.15	ng		99
72) Carbazole	19.37	167	377315	46.26	ng		96
73) Di-n-butylphthalate	20.41	149	499859	51.90	ng	#	98
74) Fluoranthene	21.40	202	448897	49.01	ng		86
77) Pyrene	21.74	202	436888	51.28	ng		98
79) Butylbenzylphthalate	22.77	149	201609	54.41	ng	#	73
80) Benzo(a)anthracene	23.34	228	355214	48.49	ng		97
81) 3,3'-Dichlorobenzidine	23.35	252	11740	4.75	ng	#	95
82) Chrysene	23.39	228	320125	48.75	ng		94
83) Bis(2-ethylhexyl)phthalate	23.47	149	282229	57.71	ng	#	91
84) Di-n-octyl phthalate	24.12	149	416666	51.75	ng	#	96
85) Indeno(1,2,3-cd)pyrene	25.83	276	261357	54.25	ng	#	83
87) Benzo(b)fluoranthene	24.45	252	255076m	43.06	ng		
88) Benzo(k)fluoranthene	24.47	252	249139m	50.69	ng		
89) Benzo(a)pyrene	24.75	252	261859	52.17	ng	#	82
90) Dibenzo(a,h)anthracene	25.84	278	217806	56.15	ng	#	77
91) Benzo(g,h,i)perylene	26.13	276	211447	57.12	ng	#	73

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

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