Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080337.D
Acq On : 3 Jul 2015 11:24
Operator : TP/IZ
Sample : G2873-04MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BOTTOMNW-2-070115MS

Manual Integrations APPROVED
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7/6/2015 3:41:38 PM

Quant Time: Jul 03 23:33:58 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 03 22:57:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.24	152	31069	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	120249	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	56964	20.00	ng		0.00
63) Phenanthrene-d10	11.80	188	121050	20.00	ng		0.00
75) Chrysene-d12	14.77	240	129408	20.00	ng		0.06
86) Perylene-d12	16.61	264	124888	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	269065	149.97	ng		0.00
7) Phenol-d6	6.85	99	355257	147.51	ng		0.01
23) Nitrobenzene-d5	7.80	82	208123	95.29	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	92691	170.89	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	408498	103.22	ng		0.00
78) Terphenyl-d14	13.49	244	468892	84.87	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	33252	154.44	ng	#	100
3) Pyridine	3.89	79	100065	45.06	ng		98
4) n-Nitrosodimethylamine	3.80	42	42930	43.40	ng		95
6) Aniline	6.90	93	113478	35.23	ng		91
8) 2-Chlorophenol	7.02	128	104684	53.12	ng		95
9) Benzaldehyde	6.78	77	52224	39.68	ng		95
10) Phenol	6.86	94	126896	47.64	ng		87
11) bis(2-Chloroethyl)ether	6.96	93	87451	43.40	ng		89
12) 1,3-Dichlorobenzene	7.18	146	118601	49.30	ng		97
13) 1,4-Dichlorobenzene	7.26	146	107806m	45.01	ng		
14) 1,2-Dichlorobenzene	7.41	146	111327	46.78	ng		96
15) Benzyl Alcohol	7.37	79	88247	47.60	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.50	45	147865	47.83	ng		100
17) 2-Methylphenol	7.48	107	74425	43.68	ng	#	93
18) Hexachloroethane	7.77	117	34285	45.85	ng	#	65
19) n-Nitroso-di-n-propylamine	7.64	70	68332	42.67	ng	#	87
20) 3+4-Methylphenols	7.63	107	108345	47.87	ng		89
22) Acetophenone	7.64	105	148934	53.01	ng	#	94
24) Nitrobenzene	7.81	77	102870	45.43	ng		93
25) Isophorone	8.05	82	201761	47.53	ng		95
26) 2-Nitrophenol	8.14	139	45682	46.19	ng	#	74
27) 2,4-Dimethylphenol	8.17	122	87621	48.26	ng		91
28) bis(2-Chloroethoxy)methane	8.26	93	127835	50.18	ng		97
29) 2,4-Dichlorophenol	8.38	162	80559	48.04	ng		89
30) 1,2,4-Trichlorobenzene	8.48	180	86805	44.38	ng	#	92
31) Naphthalene	8.56	128	299681	48.92	ng		99
32) Benzoic acid	8.21	122	8951	21.55	ng		94
33) 4-Chloroaniline	8.59	127	80381m	30.93	ng		
34) Hexachlorobutadiene	8.67	225	54332	44.09	ng		98
35) Caprolactam	8.92	113	23645	46.48	ng		96
36) 4-Chloro-3-methylphenol	9.06	107	85345	47.01	ng		89
37) 2-Methylnaphthalene	9.24	142	194782	46.44	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	91372	48.20	ng	#	99
40) Hexachlorocyclopentadiene	9.40	237	67863	89.86	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	56384	46.99	ng		98
43) 2,4,5-Trichlorophenol	9.56	196	69132	53.48	ng	#	94
45) 1,1'-Biphenyl	9.71	154	265464	54.80	ng		99
46) 2-Chloronaphthalene	9.74	162	186950	49.86	ng	#	91
47) 2-Nitroaniline	9.82	65	58762	54.49	ng	#	84
48) Acenaphthylene	10.16	152	308262	47.34	ng		99
49) Dimethylphthalate	10.00	163	313780	72.11	ng		99
50) 2,6-Dinitrotoluene	10.06	165	52051	58.51	ng	#	71
51) Acenaphthene	10.33	154	187942	50.13	ng		99
52) 3-Nitroaniline	10.24	138	44030	43.15	ng		88
53) 2,4-Dinitrophenol	10.34	184	27548	77.85	ng	#	81
54) Dibenzofuran	10.51	168	276469	52.25	ng	#	90
55) 4-Nitrophenol	10.38	139	87929	116.58	ng	#	76
56) 2,4-Dinitrotoluene	10.48	165	60820	52.73	ng	#	60
57) Fluorene	10.85	166	235746	53.72	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.62	232	54851	54.45	ng		96
59) Diethylphthalate	10.70	149	233477	56.45	ng	#	94
60) 4-Chlorophenyl-phenylether	10.84	204	101940	51.37	ng	#	79
61) 4-Nitroaniline	10.85	138	49683	47.91	ng		79
62) Azobenzene	10.99	77	208392	48.98	ng		93
64) 4,6-Dinitro-2-methylphenol	10.89	198	28485	52.32	ng	#	47
65) n-Nitrosodiphenylamine	10.94	169	185903	46.74	ng		99
66) 4-Bromophenyl-phenylether	11.33	248	67568	51.65	ng	#	93
67) Hexachlorobenzene	11.41	284	72676	51.83	ng	#	92
68) Atrazine	11.47	200	63753	53.02	ng		95
69) Pentachlorophenol	11.60	266	69142	89.97	ng		98
70) Phenanthrene	11.82	178	349504	48.19	ng		99
71) Anthracene	11.88	178	366770	52.71	ng		99
72) Carbazole	12.03	167	323186	49.66	ng		98
73) Di-n-butylphthalate	12.36	149	361853	51.83	ng		100
74) Fluoranthene	13.09	202	372147	49.66	ng		96
76) Benzidine	13.21	184	206758	54.56	ng		98
77) Pyrene	13.34	202	396392	47.85	ng		99
79) Butylbenzylphthalate	14.04	149	144605	45.53	ng	#	71
80) Benzo(a)anthracene	14.76	228	392486	50.19	ng		99
81) 3,3'-Dichlorobenzidine	14.71	252	103864	40.68	ng		98
82) Chrysene	14.81	228	359505	49.86	ng		99
83) Bis(2-ethylhexyl)phthalate	14.74	149	223204	49.93	ng	#	97
84) Di-n-octyl phthalate	15.55	149	364953	48.45	ng		97
85) Indeno(1,2,3-cd)pyrene	18.40	276	430786	53.15	ng		98
87) Benzo(b)fluoranthene	16.10	252	420729	53.34	ng		98
88) Benzo(k)fluoranthene	16.13	252	334297	45.00	ng		99
89) Benzo(a)pyrene	16.55	252	376876	52.42	ng		98
90) Dibenzo(a,h)anthracene	18.42	278	361952	53.66	ng		98
91) Benzo(g,h,i)perylene	18.93	276	369831	52.55	ng		100

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

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