Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070215\
Data File : BF080338.D
Acq On : 3 Jul 2015 11:53
Operator : TP/IZ
Sample : G2873-04MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BOTTOMNW-2-070115MSD

Manual Integrations APPROVED
apatel
7/6/2015 3:41:42 PM

Quant Time: Jul 03 23:35:43 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	32500	20.00	ng		0.00
21) Naphthalene-d8	8.53	136	126535	20.00	ng		0.00
38) Acenaphthene-d10	10.30	164	61757	20.00	ng		0.00
63) Phenanthrene-d10	11.80	188	133317	20.00	ng		0.00
75) Chrysene-d12	14.77	240	136321	20.00	ng		0.06
86) Perylene-d12	16.64	264	128180	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.85	112	293023	156.13	ng		0.00
7) Phenol-d6	6.85	99	392294	155.71	ng		0.01
23) Nitrobenzene-d5	7.80	82	234958	102.24	ng		0.00
41) 2,4,6-Tribromophenol	11.09	330	104349	177.45	ng		0.00
44) 2-Fluorobiphenyl	9.61	172	406551	94.75	ng		0.00
78) Terphenyl-d14	13.49	244	490678	84.31	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	31043	137.83	ng	#	100
3) Pyridine	3.89	79	119687	51.52	ng		99
4) n-Nitrosodimethylamine	3.79	42	54092	52.28	ng		87
6) Aniline	6.90	93	152046	45.13	ng		91
8) 2-Chlorophenol	7.02	128	113543	55.07	ng		92
9) Benzaldehyde	6.78	77	60704	44.09	ng		95
10) Phenol	6.86	94	148046	53.13	ng		88
11) bis(2-Chloroethyl)ether	6.96	93	95667	45.39	ng		90
12) 1,3-Dichlorobenzene	7.18	146	126060	50.09	ng		97
13) 1,4-Dichlorobenzene	7.26	146	118347m	47.24	ng		
14) 1,2-Dichlorobenzene	7.41	146	120605	48.45	ng		97
15) Benzyl Alcohol	7.37	79	99334	51.22	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.50	45	164154	50.76	ng		100
17) 2-Methylphenol	7.48	107	83493	46.85	ng		94
18) Hexachloroethane	7.77	117	38767	49.56	ng	#	65
19) n-Nitroso-di-n-propylamine	7.64	70	76802	45.85	ng	#	87
20) 3+4-Methylphenols	7.63	107	120065	50.72	ng		91
22) Acetophenone	7.64	105	160028	54.13	ng	#	93
24) Nitrobenzene	7.81	77	111602	46.83	ng		93
25) Isophorone	8.05	82	217794	48.76	ng		96
26) 2-Nitrophenol	8.14	139	50880	48.89	ng	#	76
27) 2,4-Dimethylphenol	8.17	122	97904	51.25	ng		94
28) bis(2-Chloroethoxy)methane	8.26	93	140657	52.47	ng		99
29) 2,4-Dichlorophenol	8.38	162	91634	51.93	ng		90
30) 1,2,4-Trichlorobenzene	8.48	180	94952	46.13	ng	#	90
31) Naphthalene	8.56	128	333874	51.80	ng		99
32) Benzoic acid	8.21	122	11102	25.40	ng		93
33) 4-Chloroaniline	8.59	127	115596m	42.27	ng		
34) Hexachlorobutadiene	8.67	225	62524	48.22	ng		99
35) Caprolactam	8.92	113	26421	49.35	ng	#	87
36) 4-Chloro-3-methylphenol	9.06	107	92865	48.61	ng		89
37) 2-Methylnaphthalene	9.24	142	214033	48.49	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.41	216	97915	47.64	ng	#	98
40) Hexachlorocyclopentadiene	9.40	237	79344	96.32	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.53	196	62510	48.05	ng		100
43) 2,4,5-Trichlorophenol	9.56	196	79151	56.47	ng	#	92
45) 1,1'-Biphenyl	9.71	154	291622	55.53	ng		98
46) 2-Chloronaphthalene	9.74	162	210267	51.72	ng	#	91
47) 2-Nitroaniline	9.82	65	67144	57.43	ng	#	79
48) Acenaphthylene	10.16	152	344584	48.81	ng		99
49) Dimethylphthalate	10.00	163	318448	67.50	ng		98
50) 2,6-Dinitrotoluene	10.06	165	55278	57.32	ng	#	62
51) Acenaphthene	10.34	154	216030	53.15	ng		92
52) 3-Nitroaniline	10.24	138	58819	53.17	ng	#	81
53) 2,4-Dinitrophenol	10.34	184	34413	84.82	ng	#	66
54) Dibenzofuran	10.51	168	310532	54.13	ng		90
55) 4-Nitrophenol	10.38	139	99805	122.05	ng	#	81
56) 2,4-Dinitrotoluene	10.48	165	69994	55.97	ng	#	67
57) Fluorene	10.85	166	267835	56.29	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.62	232	62769	57.47	ng		94
59) Diethylphthalate	10.70	149	265969	59.32	ng		94
60) 4-Chlorophenyl-phenylether	10.84	204	117253	54.50	ng	#	79
61) 4-Nitroaniline	10.85	138	57625	51.25	ng		84
62) Azobenzene	11.00	77	238842	51.78	ng		85
64) 4,6-Dinitro-2-methylphenol	10.89	198	35288	56.13	ng	#	50
65) n-Nitrosodiphenylamine	10.96	169	210311	48.01	ng		99
66) 4-Bromophenyl-phenylether	11.33	248	79039	54.86	ng	#	91
67) Hexachlorobenzene	11.41	284	82423	53.37	ng	#	92
68) Atrazine	11.47	200	70333	53.11	ng		95
69) Pentachlorophenol	11.60	266	81113	95.40	ng		98
70) Phenanthrene	11.82	178	391496	49.01	ng		99
71) Anthracene	11.88	178	412798	53.86	ng		100
72) Carbazole	12.03	167	370404	51.68	ng		98
73) Di-n-butylphthalate	12.36	149	420956	54.75	ng		100
74) Fluoranthene	13.08	202	417607	50.60	ng		96
76) Benzidine	13.21	184	273015	68.39	ng		100
77) Pyrene	13.35	202	452258	51.83	ng		99
79) Butylbenzylphthalate	14.04	149	180657	54.00	ng	#	78
80) Benzo(a)anthracene	14.76	228	425150	51.61	ng		98
81) 3,3'-Dichlorobenzidine	14.71	252	143056	53.19	ng		99
82) Chrysene	14.81	228	392358	51.66	ng		98
83) Bis(2-ethylhexyl)phthalate	14.75	149	265009	56.27	ng	#	99
84) Di-n-octyl phthalate	15.56	149	425969	53.68	ng		97
85) Indeno(1,2,3-cd)pyrene	18.42	276	464236	54.37	ng		99
87) Benzo(b)fluoranthene	16.12	252	412455	50.94	ng	#	96
88) Benzo(k)fluoranthene	16.16	252	420922	55.20	ng	#	97
89) Benzo(a)pyrene	16.57	252	407884	55.28	ng	#	96
90) Dibenzo(a,h)anthracene	18.44	278	390043	56.34	ng		99
91) Benzo(g,h,i)perylene	18.96	276	399827	55.36	ng		99

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

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