Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042015\
Data File : BF078666.D
Acq On : 21 Apr 2015 4:20
Operator : TP/IZ
Sample : G1943-01MS 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-A-1MS

Manual Integrations APPROVED
apatel
4/21/2015 5:04:04 PM

Quant Time: Apr 21 05:11:47 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 03:43:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.85	152	28059	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	114168	20.00	ng		0.00
38) Acenaphthene-d10	11.20	164	57453	20.00	ng		-0.01
63) Phenanthrene-d10	13.93	188	111622	20.00	ng		-0.01
75) Chrysene-d12	17.79	240	116525	20.00	ng		-0.01
86) Perylene-d12	19.47	264	118044	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.87	112	32492	19.09	ng		0.00
7) Phenol-d6	5.36	99	47775	22.40	ng		0.00
23) Nitrobenzene-d5	6.79	82	27879	14.80	ng		-0.01
41) 2,4,6-Tribromophenol	12.67	330	12768	26.80	ng		-0.01
44) 2-Fluorobiphenyl	10.02	172	68401	17.02	ng		-0.01
78) Terphenyl-d14	16.46	244	76950	14.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.44	88	1933	2.51	ng	#	1
3) Pyridine	1.98	79	7874	3.91	ng	#	59
6) Aniline	5.35	93	14391	4.76	ng	#	86
8) 2-Chlorophenol	5.52	128	13929	6.92	ng		95
10) Phenol	5.38	94	17435	6.82	ng		84
11) bis(2-Chloroethyl)ether	5.48	93	13107	7.13	ng		99
12) 1,3-Dichlorobenzene	5.75	146	13953	6.31	ng		96
13) 1,4-Dichlorobenzene	5.88	146	14250	6.40	ng		95
14) 1,2-Dichlorobenzene	6.11	146	14040	6.73	ng		97
15) Benzyl Alcohol	6.14	79	11084	7.40	ng		89
16) 2,2'-oxybis(1-Chloropropan	6.38	45	17843	7.28	ng		70
17) 2-Methylphenol	6.36	107	11323	7.25	ng		94
18) Hexachloroethane	6.66	117	4546	6.06	ng	#	81
19) n-Nitroso-di-n-propylamine	6.58	70	10469	7.44	ng		93
20) 3+4-Methylphenols	6.64	107	14393	6.91	ng		97
22) Acetophenone	6.56	105	20008	7.52	ng	#	95
24) Nitrobenzene	6.82	77	14480	7.35	ng	#	78
25) Isophorone	7.26	82	27505	7.69	ng		97
26) 2-Nitrophenol	7.38	139	6474	6.90	ng		97
27) 2,4-Dimethylphenol	7.54	122	13360	7.66	ng		98
28) bis(2-Chloroethoxy)methane	7.69	93	17943	7.83	ng		97
29) 2,4-Dichlorophenol	7.84	162	11994	7.56	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	13415	7.37	ng		99
31) Naphthalene	8.06	128	45874	7.72	ng		99
33) 4-Chloroaniline	8.22	127	14768	5.99	ng		98
34) Hexachlorobutadiene	8.31	225	7447	7.45	ng		94
35) Caprolactam	8.81	113	2887m	6.09	ng		
36) 4-Chloro-3-methylphenol	9.18	107	13131	8.20	ng	#	84
37) 2-Methylnaphthalene	9.31	142	32051	7.94	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.62	216	14102	7.92	ng		98
40) Hexachlorocyclopentadiene	9.61	237	3773	11.32	ng		92
42) 2,4,6-Trichlorophenol	9.87	196	8997	8.01	ng		98
43) 2,4,5-Trichlorophenol	9.95	196	9500	8.10	ng	#	91
45) 1,1'-Biphenyl	10.19	154	39263	8.35	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 2-Chloronaphthalene	10.19	162	29975	8.11	ng		98
47) 2-Nitroaniline	10.44	65	6891	7.53	ng	#	70
48) Acenaphthylene	10.94	152	50876	8.52	ng		99
49) Dimethylphthalate	10.83	163	54267	12.57	ng	#	97
50) 2,6-Dinitrotoluene	10.92	165	7061	7.95	ng	#	55
51) Acenaphthene	11.26	154	30369	9.03	ng		99
52) 3-Nitroaniline	11.21	138	6883	6.82	ng	#	84
54) Dibenzofuran	11.59	168	46539	9.06	ng		99
55) 4-Nitrophenol	11.66	139	8325m	13.57	ng		
56) 2,4-Dinitrotoluene	11.67	165	8918	7.75	ng	#	87
57) Fluorene	12.22	166	39863	9.58	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.86	232	6401	7.36	ng	#	93
59) Diethylphthalate	12.16	149	35191	8.46	ng		99
60) 4-Chlorophenyl-phenylether	12.28	204	16475	8.60	ng	#	87
61) 4-Nitroaniline	12.33	138	6664	6.53	ng		89
62) Azobenzene	12.57	77	34102	8.98	ng		90
64) 4,6-Dinitro-2-methylphenol	12.41	198	1038	10.10	ng		98
65) n-Nitrosodiphenylamine	12.51	169	30704	7.95	ng		99
66) 4-Bromophenyl-phenylether	13.18	248	9565	8.09	ng		97
67) Hexachlorobenzene	13.22	284	10233	7.90	ng		99
68) Atrazine	13.59	200	9734	8.70	ng		95
69) Pentachlorophenol	13.63	266	2616	11.87	ng	#	90
70) Phenanthrene	13.98	178	160642	24.88	ng		100
71) Anthracene	14.07	178	79219	12.45	ng		99
72) Carbazole	14.40	167	56449	9.47	ng		99
73) Di-n-butylphthalate	15.09	149	58205	8.62	ng		99
74) Fluoranthene	15.86	202	284322	41.76	ng		95
76) Benzidine	16.13	184	17831	3.97	ng		98
77) Pyrene	16.17	202	262076	35.83	ng		96
79) Butylbenzylphthalate	17.15	149	25567	9.17	ng		98
80) Benzo(a)anthracene	17.78	228	153645	22.16	ng		99
81) 3,3'-Dichlorobenzidine	17.79	252	18732	8.07	ng	#	98
82) Chrysene	17.83	228	134882	20.71	ng		99
83) Bis(2-ethylhexyl)phthalate	17.92	149	38459	8.80	ng	#	96
84) Di-n-octyl phthalate	18.70	149	67238	9.36	ng	#	100
85) Indeno(1,2,3-cd)pyrene	20.63	276	111181	15.04	ng	#	86
87) Benzo(b)fluoranthene	19.06	252	187003m	25.63	ng		
88) Benzo(k)fluoranthene	19.10	252	61687m	9.51	ng		
89) Benzo(a)pyrene	19.42	252	122961	19.31	ng	#	97
90) Dibenzo(a,h)anthracene	20.65	278	59492	9.33	ng		98
91) Benzo(g,h,i)perylene	20.94	276	94084	14.72	ng		98

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

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