Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079452.D
Acq On : 23 May 2015 00:17
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
apatel
5/27/2015 8:16:58 AM

Quant Time: May 23 06:12:50 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 23 06:10:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	61932	20.00	ng		0.00
21) Naphthalene-d8	8.63	136	263613	20.00	ng		0.00
38) Acenaphthene-d10	10.80	164	124622	20.00	ng		0.00
63) Phenanthrene-d10	12.63	188	236599	20.00	ng		-0.01
75) Chrysene-d12	15.91	240	226332	20.00	ng		-0.06
86) Perylene-d12	17.60	264	221390	20.00	ng		-0.25
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	294747m	81.92	ng		0.00
7) Phenol-d6	6.63	99	389821	81.97	ng		0.00
23) Nitrobenzene-d5	7.75	82	370361	80.74	ng		0.00
41) 2,4,6-Tribromophenol	11.77	330	117657	87.27	ng		-0.01
44) 2-Fluorobiphenyl	9.98	172	755421	84.45	ng		0.00
78) Terphenyl-d14	14.63	244	818408	86.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.90	88	77423m	49.49	ng		
3) Pyridine	2.56	79	187555m	40.97	ng		
4) n-Nitrosodimethylamine	2.49	42	80205m	40.89	ng		
6) Aniline	6.64	93	280082m	41.72	ng		
8) 2-Chlorophenol	6.79	128	173378	42.49	ng	#	81
9) Benzaldehyde	6.50	77	115525m	36.06	ng		
10) Phenol	6.65	94	219760	39.83	ng		81
11) bis(2-Chloroethyl)ether	6.74	93	162105	40.08	ng		86
12) 1,3-Dichlorobenzene	6.97	146	197183	42.99	ng	#	94
13) 1,4-Dichlorobenzene	7.07	146	193545	41.00	ng		99
14) 1,2-Dichlorobenzene	7.26	146	186986	42.55	ng		98
15) Benzyl Alcohol	7.24	79	146102m	41.38	ng		
16) 2,2'-oxybis(1-Chloropropan	7.42	45	232549	37.58	ng		94
17) 2-Methylphenol	7.39	107	139086	42.36	ng		95
18) Hexachloroethane	7.67	117	70022	43.07	ng		93
19) n-Nitroso-di-n-propylamine	7.58	70	133162	41.46	ng		97
20) 3+4-Methylphenols	7.59	107	191056	43.66	ng	#	47
22) Acetophenone	7.56	105	239101	40.15	ng	#	90
24) Nitrobenzene	7.77	77	187906	41.33	ng	#	89
25) Isophorone	8.07	82	343576	40.40	ng	#	91
26) 2-Nitrophenol	8.17	139	84430	44.87	ng		91
27) 2,4-Dimethylphenol	8.24	122	159738	42.42	ng		96
28) bis(2-Chloroethoxy)methane	8.35	93	203658	38.85	ng		99
29) 2,4-Dichlorophenol	8.47	162	147438	44.03	ng		93
30) 1,2,4-Trichlorobenzene	8.56	180	151239	41.12	ng		98
31) Naphthalene	8.65	128	521962	41.55	ng		100
32) Benzoic acid	8.38	122	85476m	37.79	ng		
33) 4-Chloroaniline	8.74	127	220384	41.46	ng	#	88
34) Hexachlorobutadiene	8.81	225	83973	39.64	ng		99
35) Caprolactam	9.18	113	46142	42.61	ng	#	78
36) 4-Chloro-3-methylphenol	9.36	107	150223	42.71	ng		98
37) 2-Methylnaphthalene	9.51	142	360685	41.44	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.72	216	145135	41.35	ng		99
40) Hexachlorocyclopentadiene	9.70	237	31025	17.58	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.87	196	103809	43.02	ng		96
43) 2,4,5-Trichlorophenol	9.92	196	102503	42.02	ng	#	91
45) 1,1'-Biphenyl	10.09	154	408106	41.19	ng		96
46) 2-Chloronaphthalene	10.11	162	332343	43.01	ng		95
47) 2-Nitroaniline	10.25	65	98413	43.95	ng	#	85
48) Acenaphthylene	10.62	152	543759	42.86	ng		99
49) Dimethylphthalate	10.49	163	393411	43.01	ng		99
50) 2,6-Dinitrotoluene	10.56	165	80104	44.38	ng	#	59
51) Acenaphthene	10.83	154	305255	40.34	ng		99
52) 3-Nitroaniline	10.76	138	107266	47.57	ng		87
53) 2,4-Dinitrophenol	10.91	184	15060	33.15	ng	#	62
54) Dibenzofuran	11.05	168	464228	42.47	ng		99
55) 4-Nitrophenol	10.99	139	54316	30.44	ng		96
56) 2,4-Dinitrotoluene	11.06	165	108983	45.67	ng		97
57) Fluorene	11.47	166	373704	41.66	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.21	232	77454	38.85	ng		99
59) Diethylphthalate	11.36	149	372781	41.14	ng		98
60) 4-Chlorophenyl-phenylether	11.48	204	165762	41.65	ng		99
61) 4-Nitroaniline	11.52	138	106480	47.20	ng		94
62) Azobenzene	11.68	77	362703	40.62	ng		98
64) 4,6-Dinitro-2-methylphenol	11.56	198	37764	40.80	ng		86
65) n-Nitrosodiphenylamine	11.63	169	336302	42.68	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	105270	42.69	ng	#	89
67) Hexachlorobenzene	12.15	284	119257	42.31	ng	#	77
68) Atrazine	12.32	200	93064	40.62	ng		92
69) Pentachlorophenol	12.41	266	44076	31.28	ng		99
70) Phenanthrene	12.66	178	543674	41.07	ng		99
71) Anthracene	12.72	178	553096	42.59	ng		99
72) Carbazole	12.94	167	519403	41.97	ng		100
73) Di-n-butylphthalate	13.39	149	629578	42.42	ng		99
74) Fluoranthene	14.14	202	579133	41.99	ng		94
76) Benzidine	14.32	184	280742	46.02	ng		98
77) Pyrene	14.41	202	577376	44.27	ng		99
79) Butylbenzylphthalate	15.25	149	257975	45.25	ng		94
80) Benzo(a)anthracene	15.90	228	518733	41.85	ng		100
81) 3,3'-Dichlorobenzidine	15.89	252	190298	43.10	ng		98
82) Chrysene	15.94	228	496419	41.64	ng		99
83) Bis(2-ethylhexyl)phthalate	15.97	149	372638	43.15	ng		99
84) Di-n-octyl phthalate	16.74	149	626485	41.19	ng		97
85) Indeno(1,2,3-cd)pyrene	18.93	276	622782m	41.00	ng		
87) Benzo(b)fluoranthene	17.17	252	495458	40.89	ng		97
88) Benzo(k)fluoranthene	17.20	252	533287m	45.46	ng		
89) Benzo(a)pyrene	17.53	252	489226	43.85	ng	#	98
90) Dibenzo(a,h)anthracene	18.94	278	516271	43.54	ng		98
91) Benzo(g,h,i)perylene	19.31	276	517348	43.53	ng		99

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

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