Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079479.D
Acq On : 26 May 2015 16:22
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
apatel
5/27/2015 1:58:58 PM

Quant Time: May 26 18:53:00 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 26 18:36:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	73876	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	309574	20.00	ng		0.00
38) Acenaphthene-d10	10.77	164	153583	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	292756	20.00	ng		0.00
75) Chrysene-d12	15.87	240	289022	20.00	ng		0.00
86) Perylene-d12	17.58	264	291335	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	92221m	21.37	ng		0.00
7) Phenol-d6	6.62	99	114612	20.04	ng		0.00
23) Nitrobenzene-d5	7.71	82	117881	21.70	ng		0.00
41) 2,4,6-Tribromophenol	11.75	330	35698	21.30	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	244969	22.04	ng		0.00
78) Terphenyl-d14	14.59	244	283477	23.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.85	88	21314m	11.15	ng		
3) Pyridine	2.55	79	36592m	6.77	ng		
4) n-Nitrosodimethylamine	2.44	42	24608m	10.66	ng		
6) Aniline	6.60	93	84867m	10.60	ng		
8) 2-Chlorophenol	6.75	128	51128	10.27	ng		94
9) Benzaldehyde	6.47	77	40185	10.73	ng		100
10) Phenol	6.63	94	70090m	10.57	ng		
11) bis(2-Chloroethyl)ether	6.71	93	49023	10.06	ng		87
12) 1,3-Dichlorobenzene	6.94	146	60477	10.90	ng		98
13) 1,4-Dichlorobenzene	7.04	146	61223	10.76	ng		100
14) 1,2-Dichlorobenzene	7.22	146	58056	10.98	ng		98
15) Benzyl Alcohol	7.22	79	43020	10.19	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.39	45	72363	9.82	ng		96
17) 2-Methylphenol	7.37	107	40972	10.31	ng		98
18) Hexachloroethane	7.63	117	20772	10.62	ng		98
19) n-Nitroso-di-n-propylamine	7.54	70	43618	11.41	ng		92
20) 3+4-Methylphenols	7.58	107	55845	10.57	ng		95
22) Acetophenone	7.53	105	76329	10.82	ng	#	99
24) Nitrobenzene	7.74	77	56479	10.48	ng		98
25) Isophorone	8.04	82	104655	10.41	ng		98
26) 2-Nitrophenol	8.14	139	24028	10.60	ng		93
27) 2,4-Dimethylphenol	8.22	122	47498	10.65	ng		99
28) bis(2-Chloroethoxy)methane	8.33	93	62912	10.20	ng		98
29) 2,4-Dichlorophenol	8.44	162	44630	11.19	ng		98
30) 1,2,4-Trichlorobenzene	8.52	180	44923	10.31	ng		99
31) Naphthalene	8.62	128	163513	10.96	ng		99
32) Benzoic acid	8.32	122	28484	10.93	ng		94
33) 4-Chloroaniline	8.71	127	67892	10.73	ng		98
34) Hexachlorobutadiene	8.78	225	26339	10.47	ng		99
35) Caprolactam	9.12	113	13331	10.32	ng	#	60
36) 4-Chloro-3-methylphenol	9.34	107	43786	10.56	ng	#	72
37) 2-Methylnaphthalene	9.48	142	111883	10.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	46116	10.53	ng	#	100
40) Hexachlorocyclopentadiene	9.67	237	4646	2.36	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	33067	10.99	ng		98
43) 2,4,5-Trichlorophenol	9.90	196	31503	10.42	ng		95
45) 1,1'-Biphenyl	10.06	154	131124	10.61	ng		95
46) 2-Chloronaphthalene	10.08	162	103462	10.67	ng		99
47) 2-Nitroaniline	10.23	65	27002	9.68	ng	#	50
48) Acenaphthylene	10.58	152	173247	10.93	ng		99
49) Dimethylphthalate	10.46	163	125959	11.04	ng		99
50) 2,6-Dinitrotoluene	10.53	165	23172	10.29	ng	#	33
51) Acenaphthene	10.80	154	98507	10.53	ng		99
52) 3-Nitroaniline	10.73	138	30190	10.69	ng	#	98
53) 2,4-Dinitrophenol	10.89	184	2958	4.64	ng		95
54) Dibenzofuran	11.02	168	148587	10.95	ng		97
55) 4-Nitrophenol	10.99	139	16339m	7.80	ng		
56) 2,4-Dinitrotoluene	11.03	165	30822	10.34	ng	#	89
57) Fluorene	11.44	166	120852	10.76	ng		97
58) 2,3,4,6-Tetrachlorophenol	11.19	232	22335	9.12	ng	#	100
59) Diethylphthalate	11.33	149	120393	10.68	ng		94
60) 4-Chlorophenyl-phenylether	11.45	204	51261	10.36	ng		96
61) 4-Nitroaniline	11.49	138	28672	10.31	ng		99
62) Azobenzene	11.65	77	112990	10.26	ng		100
64) 4,6-Dinitro-2-methylphenol	11.53	198	9585	7.94	ng		84
65) n-Nitrosodiphenylamine	11.60	169	105027	10.69	ng		99
66) 4-Bromophenyl-phenylether	12.06	248	32658	10.54	ng		94
67) Hexachlorobenzene	12.11	284	36403	10.30	ng		98
68) Atrazine	12.29	200	29916	10.47	ng		97
69) Pentachlorophenol	12.38	266	10071	6.00	ng		96
70) Phenanthrene	12.63	178	178101	10.81	ng		99
71) Anthracene	12.70	178	176300	10.81	ng		99
72) Carbazole	12.90	167	170360	10.98	ng		100
73) Di-n-butylphthalate	13.36	149	208496	11.28	ng		99
74) Fluoranthene	14.10	202	185596	10.75	ng		98
76) Benzidine	14.30	184	67657	9.00	ng		99
77) Pyrene	14.38	202	196054	11.54	ng		98
79) Butylbenzylphthalate	15.21	149	85123	11.53	ng		99
80) Benzo(a)anthracene	15.86	228	176339	11.00	ng		99
81) 3,3'-Dichlorobenzidine	15.85	252	64090	11.19	ng		99
82) Chrysene	15.91	228	166608	10.75	ng		99
83) Bis(2-ethylhexyl)phthalate	15.93	149	121378	10.95	ng		99
84) Di-n-octyl phthalate	16.71	149	212996	10.83	ng		100
85) Indeno(1,2,3-cd)pyrene	18.90	276	224583	11.42	ng		99
87) Benzo(b)fluoranthene	17.14	252	173831	10.84	ng		99
88) Benzo(k)fluoranthene	17.17	252	173922m	11.09	ng		
89) Benzo(a)pyrene	17.52	252	174349	11.71	ng		96
90) Dibenzo(a,h)anthracene	18.91	278	178611	11.35	ng	#	96
91) Benzo(g,h,i)perylene	19.28	276	180801	11.40	ng		98

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

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