Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078219.D
Acq On : 3 Apr 2015 2:09
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
apatel
4/6/2015 12:06:31 PM

Quant Time: Apr 03 03:38:43 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 00:57:15 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	40403	20.00	ng		0.00
21) Naphthalene-d8	8.59	136	161120	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	80273	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	152921	20.00	ng		0.00
75) Chrysene-d12	15.87	240	150958	20.00	ng		-0.01
86) Perylene-d12	17.54	264	150611	20.00	ng		-0.13
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	194717	79.46	ng		0.01
7) Phenol-d6	6.60	99	241601	78.67	ng		0.00
23) Nitrobenzene-d5	7.72	82	216318	81.38	ng		0.00
41) 2,4,6-Tribromophenol	11.74	330	55505	83.37	ng		0.00
44) 2-Fluorobiphenyl	9.94	172	441926	78.69	ng		0.00
78) Terphenyl-d14	14.59	244	535548	80.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.85	88	43956	39.67	ng		99
3) Pyridine	2.49	79	106551	36.71	ng		99
4) n-Nitrosodimethylamine	2.43	42	42180	37.75	ng		99
6) Aniline	6.60	93	167575	38.48	ng		99
8) 2-Chlorophenol	6.75	128	114115	39.38	ng		100
9) Benzaldehyde	6.46	77	79025	38.83	ng		98
10) Phenol	6.62	94	145748	39.61	ng		99
11) bis(2-Chloroethyl)ether	6.72	93	106253	40.15	ng		100
12) 1,3-Dichlorobenzene	6.93	146	124986	39.27	ng		99
13) 1,4-Dichlorobenzene	7.04	146	126466	39.47	ng		99
14) 1,2-Dichlorobenzene	7.22	146	118186	39.34	ng		99
15) Benzyl Alcohol	7.22	79	85739	39.73	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	7.39	45	139702	39.58	ng		100
17) 2-Methylphenol	7.37	107	89916	39.97	ng		97
18) Hexachloroethane	7.64	117	43079	39.87	ng		99
19) n-Nitroso-di-n-propylamine	7.55	70	80233	39.60	ng		99
20) 3+4-Methylphenols	7.56	107	123595	41.18	ng		98
22) Acetophenone	7.54	105	150669	40.13	ng		98
24) Nitrobenzene	7.74	77	111861	40.25	ng		98
25) Isophorone	8.04	82	211054	41.83	ng		99
26) 2-Nitrophenol	8.13	139	56076	42.35	ng		97
27) 2,4-Dimethylphenol	8.21	122	100545	40.83	ng		100
28) bis(2-Chloroethoxy)methane	8.33	93	133527	41.28	ng		98
29) 2,4-Dichlorophenol	8.44	162	89064	39.76	ng		99
30) 1,2,4-Trichlorobenzene	8.53	180	102254	39.81	ng		97
31) Naphthalene	8.62	128	334641	39.90	ng		99
32) Benzoic acid	8.34	122	40479	36.53	ng		90
33) 4-Chloroaniline	8.70	127	145466	41.80	ng		99
34) Hexachlorobutadiene	8.77	225	56329	39.94	ng		97
35) Caprolactam	9.14	113	28584	42.75	ng		89
36) 4-Chloro-3-methylphenol	9.32	107	92990	41.14	ng		99
37) 2-Methylnaphthalene	9.48	142	227437	39.95	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	99074	39.83	ng		99
40) Hexachlorocyclopentadiene	9.68	237	37159	38.56	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.84	196	64903	41.38	ng		100
43) 2,4,5-Trichlorophenol	9.88	196	68779	41.97	ng		98
45) 1,1'-Biphenyl	10.06	154	262112	39.92	ng		100
46) 2-Chloronaphthalene	10.08	162	205809	39.84	ng		99
47) 2-Nitroaniline	10.21	65	52807	41.31	ng		97
48) Acenaphthylene	10.59	152	333052	39.92	ng		100
49) Dimethylphthalate	10.45	163	237972	39.46	ng		99
50) 2,6-Dinitrotoluene	10.53	165	51948	41.87	ng		96
51) Acenaphthene	10.80	154	183881	39.15	ng		99
52) 3-Nitroaniline	10.73	138	59571	42.22	ng		95
53) 2,4-Dinitrophenol	10.86	184	12225	36.75	ng		98
54) Dibenzofuran	11.01	168	284565	39.67	ng		100
55) 4-Nitrophenol	10.97	139	38872	38.89	ng		93
56) 2,4-Dinitrotoluene	11.02	165	69874	43.48	ng		97
57) Fluorene	11.44	166	233361	40.13	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	52065m	42.85	ng		
59) Diethylphthalate	11.33	149	241245	41.49	ng		99
60) 4-Chlorophenyl-phenylether	11.45	204	105547	39.46	ng	#	71
61) 4-Nitroaniline	11.48	138	62557	43.86	ng		98
62) Azobenzene	11.64	77	212624	40.06	ng		98
64) 4,6-Dinitro-2-methylphenol	11.52	198	24579	35.17	ng		97
65) n-Nitrosodiphenylamine	11.61	169	208359	39.39	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	64243	39.67	ng		98
67) Hexachlorobenzene	12.11	284	69689	39.27	ng		97
68) Atrazine	12.28	200	62563	40.84	ng		100
69) Pentachlorophenol	12.36	266	26756	38.46	ng		98
70) Phenanthrene	12.63	178	358325	40.51	ng		100
71) Anthracene	12.68	178	338676	38.85	ng		100
72) Carbazole	12.90	167	325399	39.83	ng		99
73) Di-n-butylphthalate	13.36	149	382812	41.37	ng		99
74) Fluoranthene	14.09	202	363264	38.94	ng		98
76) Benzidine	14.28	184	266340	45.82	ng		99
77) Pyrene	14.37	202	392703	41.44	ng		100
79) Butylbenzylphthalate	15.21	149	158307	43.83	ng		94
80) Benzo(a)anthracene	15.86	228	372129	41.43	ng		99
81) 3,3'-Dichlorobenzidine	15.84	252	126873	42.18	ng	#	96
82) Chrysene	15.89	228	346169	41.02	ng		100
83) Bis(2-ethylhexyl)phthalate	15.93	149	245181	43.28	ng	#	96
84) Di-n-octyl phthalate	16.71	149	404950	43.54	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.84	276	408433	42.65	ng	#	85
87) Benzo(b)fluoranthene	17.12	252	347535	37.34	ng		99
88) Benzo(k)fluoranthene	17.15	252	351750m	42.52	ng		
89) Benzo(a)pyrene	17.48	252	334268	41.15	ng		99
90) Dibenzo(a,h)anthracene	18.87	278	321885	39.58	ng		97
91) Benzo(g,h,i)perylene	19.22	276	325039	39.86	ng		99

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

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