Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040215\
Data File : BF078238.D
Acq On : 3 Apr 2015 11:15
Operator : TP/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
apatel
4/6/2015 12:06:24 PM

Quant Time: Apr 03 12:44:20 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 02 13:21:29 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	39357	20.00	ng		0.01
21) Naphthalene-d8	8.59	136	164907	20.00	ng		0.00
38) Acenaphthene-d10	10.76	164	81533	20.00	ng		0.00
63) Phenanthrene-d10	12.59	188	152907	20.00	ng		0.00
75) Chrysene-d12	15.87	240	167071	20.00	ng		0.00
86) Perylene-d12	17.57	264	164119	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	204236	85.56	ng		0.01
7) Phenol-d6	6.62	99	251487	84.07	ng		0.02
23) Nitrobenzene-d5	7.72	82	232421	85.43	ng		0.01
41) 2,4,6-Tribromophenol	11.75	330	59905	88.59	ng		0.00
44) 2-Fluorobiphenyl	9.95	172	456867	80.10	ng		0.01
78) Terphenyl-d14	14.59	244	573245	77.53	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	43780	40.56	ng		95
3) Pyridine	2.49	79	136778	48.37	ng		94
4) n-Nitrosodimethylamine	2.43	42	51136	46.98	ng		91
6) Aniline	6.61	93	178299	42.03	ng	#	89
8) 2-Chlorophenol	6.76	128	117489	41.63	ng		98
9) Benzaldehyde	6.46	77	81663	41.19	ng		99
10) Phenol	6.65	94	145588	40.62	ng		95
11) bis(2-Chloroethyl)ether	6.72	93	105226	40.82	ng		98
12) 1,3-Dichlorobenzene	6.94	146	128012	41.29	ng	#	90
13) 1,4-Dichlorobenzene	7.04	146	125345	40.16	ng		98
14) 1,2-Dichlorobenzene	7.22	146	116266	39.73	ng		98
15) Benzyl Alcohol	7.22	79	93426	44.44	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.39	45	141311	41.10	ng	#	34
17) 2-Methylphenol	7.39	107	91923	41.95	ng	#	93
18) Hexachloroethane	7.64	117	43254	41.10	ng		94
19) n-Nitroso-di-n-propylamine	7.55	70	83516	42.31	ng		92
20) 3+4-Methylphenols	7.58	107	124310	42.52	ng		92
22) Acetophenone	7.54	105	157701	41.04	ng	#	98
24) Nitrobenzene	7.74	77	122284	42.99	ng		91
25) Isophorone	8.04	82	215459	41.73	ng		94
26) 2-Nitrophenol	8.13	139	53127	39.20	ng	#	89
27) 2,4-Dimethylphenol	8.22	122	101339	40.21	ng		99
28) bis(2-Chloroethoxy)methane	8.33	93	132736	40.09	ng		99
29) 2,4-Dichlorophenol	8.44	162	92871	40.50	ng		87
30) 1,2,4-Trichlorobenzene	8.53	180	103317	39.30	ng		99
31) Naphthalene	8.62	128	344788	40.17	ng		99
32) Benzoic acid	8.35	122	55245	46.78	ng		97
33) 4-Chloroaniline	8.70	127	142061	39.89	ng	#	95
34) Hexachlorobutadiene	8.78	225	58013	40.19	ng		97
35) Caprolactam	9.15	113	29447	43.03	ng		92
36) 4-Chloro-3-methylphenol	9.34	107	96004	41.50	ng	#	83
37) 2-Methylnaphthalene	9.48	142	230363	39.53	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.69	216	101422	40.15	ng		98
40) Hexachlorocyclopentadiene	9.68	237	23726	26.77	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.85	196	70118	44.01	ng		98
43) 2,4,5-Trichlorophenol	9.89	196	71211	42.78	ng		97
45) 1,1'-Biphenyl	10.07	154	276448	41.45	ng		98
46) 2-Chloronaphthalene	10.08	162	204535	38.98	ng		98
47) 2-Nitroaniline	10.23	65	60094	46.29	ng	#	77
48) Acenaphthylene	10.59	152	346970	40.95	ng		100
49) Dimethylphthalate	10.47	163	245422	40.07	ng	#	96
50) 2,6-Dinitrotoluene	10.53	165	55112	43.73	ng	#	83
51) Acenaphthene	10.81	154	192129	40.27	ng		99
52) 3-Nitroaniline	10.74	138	63741	44.48	ng		86
53) 2,4-Dinitrophenol	10.88	184	2020	13.22	ng		95
54) Dibenzofuran	11.01	168	285730	39.21	ng		98
55) 4-Nitrophenol	10.99	139	38710m	38.18	ng		
56) 2,4-Dinitrotoluene	11.03	165	69082	42.32	ng	#	81
57) Fluorene	11.44	166	234893	39.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	11.19	232	53020	42.97	ng		99
59) Diethylphthalate	11.33	149	242842	41.12	ng		99
60) 4-Chlorophenyl-phenylether	11.46	204	108849	40.06	ng		95
61) 4-Nitroaniline	11.49	138	63967	44.16	ng		92
62) Azobenzene	11.64	77	240210	44.56	ng		99
64) 4,6-Dinitro-2-methylphenol	11.53	198	7944	17.16	ng	#	65
65) n-Nitrosodiphenylamine	11.61	169	217233	41.07	ng		99
66) 4-Bromophenyl-phenylether	12.05	248	63237	39.05	ng		94
67) Hexachlorobenzene	12.11	284	69247	39.02	ng		98
68) Atrazine	12.28	200	62748	40.96	ng		95
69) Pentachlorophenol	12.37	266	27130	38.89	ng		97
70) Phenanthrene	12.63	178	352837	39.89	ng		100
71) Anthracene	12.69	178	354581	40.68	ng		99
72) Carbazole	12.90	167	329163	40.30	ng		99
73) Di-n-butylphthalate	13.36	149	404458	43.71	ng		99
74) Fluoranthene	14.09	202	392174	42.04	ng		99
76) Benzidine	14.28	184	193509	30.08	ng		99
77) Pyrene	14.37	202	410494	39.14	ng		99
79) Butylbenzylphthalate	15.21	149	184262	46.10	ng		97
80) Benzo(a)anthracene	15.86	228	390050	39.24	ng		99
81) 3,3'-Dichlorobenzidine	15.85	252	134483	40.39	ng		98
82) Chrysene	15.91	228	368561	39.46	ng		98
83) Bis(2-ethylhexyl)phthalate	15.93	149	279830	44.63	ng	#	94
84) Di-n-octyl phthalate	16.72	149	494974	48.08	ng	#	100
85) Indeno(1,2,3-cd)pyrene	18.89	276	449925	42.46	ng	#	86
87) Benzo(b)fluoranthene	17.14	252	379612	37.43	ng		98
88) Benzo(k)fluoranthene	17.17	252	387140m	42.95	ng		
89) Benzo(a)pyrene	17.52	252	366215	41.37	ng		99
90) Dibenzo(a,h)anthracene	18.91	278	365013	41.19	ng		98
91) Benzo(g,h,i)perylene	19.27	276	362496	40.79	ng		97

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

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