Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032416\
Data File : BF085711.D
Acq On : 24 Mar 2016 12:42
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
Sohil
3/25/2016 3:04:15 PM

Quant Time: Mar 24 13:12:29 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 11:42:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	101704	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	419333	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	197744	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	378520	20.00	ng		0.00
75) Chrysene-d12	13.98	240	233918	20.00	ng		0.00
86) Perylene-d12	15.40	264	171696	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	631227	104.25	ng		0.01
7) Phenol-d6	6.46	99	757085	97.49	ng		0.00
23) Nitrobenzene-d5	7.40	82	700510	96.97	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	181577	93.74	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1127916	91.24	ng		0.00
78) Terphenyl-d14	12.93	244	1051566	108.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	148973	50.61	ng		99
3) Pyridine	3.10	79	379922	52.57	ng		99
4) n-Nitrosodimethylamine	3.05	42	150560	49.90	ng		100
6) Aniline	6.49	93	530720	50.88	ng		94
8) 2-Chlorophenol	6.61	128	357640	51.06	ng		95
9) Benzaldehyde	6.37	77	230462	59.02	ng		96
10) Phenol	6.47	94	412453	46.63	ng		97
11) bis(2-Chloroethyl)ether	6.56	93	317124	47.56	ng		95
12) 1,3-Dichlorobenzene	6.77	146	394210m	51.64	ng		
13) 1,4-Dichlorobenzene	6.85	146	389178m	49.99	ng		
14) 1,2-Dichlorobenzene	7.00	146	365305	52.84	ng		98
15) Benzyl Alcohol	6.97	79	273563	51.43	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	450576	51.38	ng		98
17) 2-Methylphenol	7.09	107	296142	51.00	ng		99
18) Hexachloroethane	7.34	117	147028	52.30	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	216055	46.57	ng	#	93
20) 3+4-Methylphenols	7.25	107	343087	51.01	ng		91
22) Acetophenone	7.25	105	476479	47.88	ng	#	91
24) Nitrobenzene	7.42	77	389999	49.32	ng	#	81
25) Isophorone	7.66	82	720622	49.82	ng		95
26) 2-Nitrophenol	7.73	139	182980	46.82	ng	#	86
27) 2,4-Dimethylphenol	7.77	122	353735	51.18	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	391458	47.58	ng		99
29) 2,4-Dichlorophenol	7.98	162	273071	47.85	ng		91
30) 1,2,4-Trichlorobenzene	8.06	180	318894	49.88	ng		95
31) Naphthalene	8.14	128	1042431	49.25	ng		99
32) Benzoic acid	7.91	122	253551	43.88	ng		99
33) 4-Chloroaniline	8.18	127	404156	46.59	ng	#	95
34) Hexachlorobutadiene	8.25	225	166253	48.80	ng		99
35) Caprolactam	8.57	113	103477	52.69	ng		94
36) 4-Chloro-3-methylphenol	8.68	107	335654	50.36	ng		87
37) 2-Methylnaphthalene	8.82	142	620415	48.09	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	305153	50.87	ng		99
40) Hexachlorocyclopentadiene	8.98	237	109388	40.46	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.11	196	200555	48.84	ng		96
43) 2,4,5-Trichlorophenol	9.14	196	206375	49.39	ng	#	88
45) 1,1'-Biphenyl	9.29	154	851412	49.91	ng		95
46) 2-Chloronaphthalene	9.32	162	629591	50.53	ng		95
47) 2-Nitroaniline	9.41	65	179003	47.49	ng		88
48) Acenaphthylene	9.73	152	958922	47.55	ng		100
49) Dimethylphthalate	9.59	163	724615	48.56	ng		99
50) 2,6-Dinitrotoluene	9.66	165	180291	57.23	ng	#	76
51) Acenaphthene	9.90	154	597643	47.23	ng		100
52) 3-Nitroaniline	9.83	138	196162	49.72	ng	#	73
53) 2,4-Dinitrophenol	9.93	184	83514	43.28	ng	#	80
54) Dibenzofuran	10.07	168	766491	49.74	ng		97
55) 4-Nitrophenol	9.99	139	140261	46.00	ng		87
56) 2,4-Dinitrotoluene	10.06	165	199416	48.35	ng	#	63
57) Fluorene	10.41	166	624880	48.66	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	141921	47.17	ng		98
59) Diethylphthalate	10.29	149	683175	46.05	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	291577	46.49	ng		94
61) 4-Nitroaniline	10.44	138	166740	42.87	ng		90
62) Azobenzene	10.56	77	693661	48.72	ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	122337	50.51	ng	#	73
65) n-Nitrosodiphenylamine	10.53	169	583564	49.49	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	183387	48.50	ng		92
67) Hexachlorobenzene	10.96	284	202245	50.34	ng	#	91
68) Atrazine	11.05	200	175010	48.75	ng		98
69) Pentachlorophenol	11.16	266	109494	44.89	ng		99
70) Phenanthrene	11.37	178	958543	48.03	ng		99
71) Anthracene	11.42	178	985144	47.08	ng		99
72) Carbazole	11.58	167	809884	44.86	ng		99
73) Di-n-butylphthalate	11.91	149	1078922	47.72	ng		99
74) Fluoranthene	12.56	202	988139	47.28	ng		89
76) Benzidine	12.68	184	441084	56.07	ng		98
77) Pyrene	12.79	202	953365	56.76	ng		100
79) Butylbenzylphthalate	13.41	149	403481	50.40	ng		99
80) Benzo(a)anthracene	13.97	228	628596	46.29	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	423700	85.14	ng		98
82) Chrysene	14.01	228	627403	48.02	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	464183	46.67	ng		99
84) Di-n-octyl phthalate	14.57	149	716237	44.19	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	584036	53.50	ng		99
87) Benzo(b)fluoranthene	15.00	252	586668m	52.37	ng		
88) Benzo(k)fluoranthene	15.02	252	444893m	48.20	ng		
89) Benzo(a)pyrene	15.34	252	497258	52.36	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	488951	61.72	ng		98
91) Benzo(g,h,i)perylene	17.20	276	496356	64.74	ng		95

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

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