Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060716\
Data File : BF087792.D
Acq On : 7 Jun 2016 15:56
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
sohil
6/8/2016 7:14:14 PM

Quant Time: Jun 07 16:42:08 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 16:25:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	100709	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	403544	20.00	ng		0.00
38) Acenaphthene-d10	9.88	164	198580	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	373774	20.00	ng		0.00
75) Chrysene-d12	13.99	240	262351	20.00	ng		0.00
86) Perylene-d12	15.39	264	201358	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	537865	86.32	ng		0.00
7) Phenol-d6	6.48	99	663685	84.93	ng		0.00
23) Nitrobenzene-d5	7.42	82	712253	102.12	ng		0.00
41) 2,4,6-Tribromophenol	10.67	330	204960	102.82	ng		0.00
44) 2-Fluorobiphenyl	9.21	172	1256597	105.35	ng		0.00
78) Terphenyl-d14	12.94	244	1065602	99.11	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.41	88	133108	44.20	ng	#	34
3) Pyridine	3.13	79	365054	45.88	ng		98
4) n-Nitrosodimethylamine	3.08	42	137610	40.94	ng		93
6) Aniline	6.50	93	488879	44.14	ng		95
8) 2-Chlorophenol	6.63	128	334596	46.67	ng		92
9) Benzaldehyde	6.39	77	190073	35.98	ng		93
10) Phenol	6.49	94	372043	41.81	ng		81
11) bis(2-Chloroethyl)ether	6.58	93	283171	43.80	ng		93
12) 1,3-Dichlorobenzene	6.79	146	354546m	46.19	ng		
13) 1,4-Dichlorobenzene	6.86	146	335003	43.49	ng		97
14) 1,2-Dichlorobenzene	7.02	146	341990m	47.36	ng		
15) Benzyl Alcohol	6.99	79	276882	47.96	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.13	45	409545	43.44	ng		93
17) 2-Methylphenol	7.11	107	279923	48.62	ng		96
18) Hexachloroethane	7.36	117	132408	49.16	ng		94
19) n-Nitroso-di-n-propylamine	7.27	70	214154	43.88	ng		91
20) 3+4-Methylphenols	7.26	107	280089	39.71	ng	#	82
22) Acetophenone	7.26	105	408722	44.72	ng	#	86
24) Nitrobenzene	7.43	77	299139	42.85	ng		88
25) Isophorone	7.68	82	620595	48.87	ng	#	93
26) 2-Nitrophenol	7.75	139	195499	60.27	ng	#	84
27) 2,4-Dimethylphenol	7.79	122	311829	46.39	ng		97
28) bis(2-Chloroethoxy)methane	7.88	93	405592	50.35	ng		98
29) 2,4-Dichlorophenol	7.99	162	275569	49.91	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	272343	47.11	ng		99
31) Naphthalene	8.15	128	881625	44.93	ng		100
32) Benzoic acid	7.91	122	181344	44.72	ng		95
33) 4-Chloroaniline	8.20	127	448716	52.65	ng	#	91
34) Hexachlorobutadiene	8.27	225	157173	52.29	ng		98
35) Caprolactam	8.58	113	83076	45.81	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	288640	50.54	ng		98
37) 2-Methylnaphthalene	8.84	142	647872	50.00	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	248619	45.43	ng	#	1
40) Hexachlorocyclopentadiene	8.99	237	157290	48.86	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	205597	49.74	ng		98
43) 2,4,5-Trichlorophenol	9.15	196	189491	49.26	ng	#	86
45) 1,1'-Biphenyl	9.30	154	720226	44.69	ng		100
46) 2-Chloronaphthalene	9.32	162	575102	44.83	ng		99
47) 2-Nitroaniline	9.43	65	195571	54.14	ng	#	71
48) Acenaphthylene	9.75	152	998634	49.92	ng		99
49) Dimethylphthalate	9.61	163	650652	45.07	ng		99
50) 2,6-Dinitrotoluene	9.67	165	153067	46.60	ng	#	68
51) Acenaphthene	9.92	154	629287	48.89	ng		99
52) 3-Nitroaniline	9.84	138	200245	53.30	ng		86
53) 2,4-Dinitrophenol	9.94	184	74474	51.42	ng	#	62
54) Dibenzofuran	10.09	168	872834	49.80	ng		98
55) 4-Nitrophenol	10.00	139	148317	46.19	ng	#	57
56) 2,4-Dinitrotoluene	10.07	165	202876	48.50	ng	#	73
57) Fluorene	10.43	166	584131	42.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	170026	51.31	ng	#	56
59) Diethylphthalate	10.31	149	724197	49.95	ng		100
60) 4-Chlorophenyl-phenylether	10.42	204	273394	60.09	ng		98
61) 4-Nitroaniline	10.44	138	165449	45.81	ng		97
62) Azobenzene	10.58	77	724886	49.67	ng		96
64) 4,6-Dinitro-2-methylphenol	10.48	198	112461	53.87	ng	#	52
65) n-Nitrosodiphenylamine	10.54	169	564121	46.08	ng		100
66) 4-Bromophenyl-phenylether	10.91	248	191250	51.60	ng	#	90
67) Hexachlorobenzene	10.97	284	190162	45.88	ng		95
68) Atrazine	11.07	200	186736	51.49	ng		98
69) Pentachlorophenol	11.16	266	117858	47.86	ng		99
70) Phenanthrene	11.38	178	828992	40.91	ng		100
71) Anthracene	11.44	178	992214	48.86	ng		99
72) Carbazole	11.59	167	793620	41.29	ng		100
73) Di-n-butylphthalate	11.92	149	1043845	50.65	ng		99
74) Fluoranthene	12.57	202	972395	48.76	ng		93
76) Benzidine	12.69	184	333780	32.26	ng		99
77) Pyrene	12.79	202	927356	49.64	ng		99
79) Butylbenzylphthalate	13.42	149	445536	56.04	ng		95
80) Benzo(a)anthracene	13.98	228	647298	42.75	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	207639	48.61	ng	#	98
82) Chrysene	14.01	228	627120	41.61	ng		99
83) Bis(2-ethylhexyl)phthalate	13.98	149	503593	53.22	ng	#	98
84) Di-n-octyl phthalate	14.58	149	808634	45.97	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.78	276	653090	52.43	ng	#	100
87) Benzo(b)fluoranthene	14.99	252	567809m	43.35	ng		
88) Benzo(k)fluoranthene	15.03	252	594807m	54.58	ng		
89) Benzo(a)pyrene	15.34	252	566204	51.42	ng		100
90) Dibenzo(a,h)anthracene	16.80	278	541065	57.74	ng		100
91) Benzo(g,h,i)perylene	17.20	276	562171	59.46	ng		98

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

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