Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042016\
Data File : BF086303.D
Acq On : 20 Apr 2016 12:10
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
sohil
4/21/2016 7:07:51 PM

Quant Time: Apr 20 12:58:35 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 12:38:25 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	256394	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	1084786	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	462421	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	718671	20.00	ng		0.00
75) Chrysene-d12	14.02	240	409393	20.00	ng		0.00
86) Perylene-d12	15.45	264	464111	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1534385	98.05	ng		0.00
7) Phenol-d6	6.50	99	1816202	92.79	ng		0.00
23) Nitrobenzene-d5	7.44	82	1697162	90.24	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	336637	90.66	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	2263748	90.33	ng		0.00
78) Terphenyl-d14	12.97	244	1559252	95.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	401598	46.54	ng		97
3) Pyridine	3.20	79	975620	43.35	ng		97
4) n-Nitrosodimethylamine	3.14	42	381585	46.93	ng	#	76
6) Aniline	6.53	93	1302245	46.16	ng		100
8) 2-Chlorophenol	6.65	128	804985	45.47	ng		93
9) Benzaldehyde	6.41	77	634040	45.66	ng		91
10) Phenol	6.51	94	1047881	44.96	ng		94
11) bis(2-Chloroethyl)ether	6.60	93	880906	50.23	ng		86
12) 1,3-Dichlorobenzene	6.81	146	934826m	49.77	ng		
13) 1,4-Dichlorobenzene	6.89	146	959873	53.64	ng		96
14) 1,2-Dichlorobenzene	7.04	146	812238	51.14	ng		95
15) Benzyl Alcohol	7.01	79	607441	43.75	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	1345140	49.23	ng		93
17) 2-Methylphenol	7.13	107	725432	49.18	ng		96
18) Hexachloroethane	7.38	117	303206	44.92	ng		95
19) n-Nitroso-di-n-propylamine	7.29	70	536872	42.86	ng	#	86
20) 3+4-Methylphenols	7.28	107	692785	41.93	ng	#	83
22) Acetophenone	7.28	105	980411	42.93	ng	#	83
24) Nitrobenzene	7.45	77	921891	44.83	ng		91
25) Isophorone	7.70	82	1682641	45.09	ng		95
26) 2-Nitrophenol	7.77	139	478291	53.35	ng	#	83
27) 2,4-Dimethylphenol	7.81	122	830226	45.85	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	958165	43.67	ng		100
29) 2,4-Dichlorophenol	8.01	162	663450	48.20	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	701280	48.68	ng		97
31) Naphthalene	8.18	128	2460246	50.79	ng		98
32) Benzoic acid	7.94	122	569399	49.19	ng		95
33) 4-Chloroaniline	8.22	127	1033374	47.73	ng		96
34) Hexachlorobutadiene	8.29	225	323762	44.86	ng		97
35) Caprolactam	8.61	113	238445	47.84	ng		90
36) 4-Chloro-3-methylphenol	8.70	107	728735	45.68	ng		95
37) 2-Methylnaphthalene	8.86	142	1378046	44.00	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	597914	55.73	ng		96
40) Hexachlorocyclopentadiene	9.01	237	143580	26.34	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	407749	44.76	ng		99
43) 2,4,5-Trichlorophenol	9.18	196	461103	52.40	ng		95
45) 1,1'-Biphenyl	9.33	154	1693929	50.89	ng		97
46) 2-Chloronaphthalene	9.36	162	1342978	49.41	ng		97
47) 2-Nitroaniline	9.45	65	468242	53.18	ng		92
48) Acenaphthylene	9.77	152	1982989	45.85	ng		100
49) Dimethylphthalate	9.63	163	1557684	46.33	ng		99
50) 2,6-Dinitrotoluene	9.69	165	360591	48.47	ng	#	64
51) Acenaphthene	9.94	154	1136006	43.97	ng		100
52) 3-Nitroaniline	9.86	138	434153	48.02	ng		97
53) 2,4-Dinitrophenol	9.96	184	66776	28.05	ng	#	74
54) Dibenzofuran	10.11	168	1619391	47.47	ng		95
55) 4-Nitrophenol	10.02	139	289581	40.95	ng	#	79
56) 2,4-Dinitrotoluene	10.10	165	460196	48.32	ng		93
57) Fluorene	10.45	166	1191762	41.99	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	303284	47.45	ng		98
59) Diethylphthalate	10.33	149	1531606	44.13	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	536435	45.87	ng		92
61) 4-Nitroaniline	10.48	138	422337	54.05	ng		87
62) Azobenzene	10.60	77	1547730	45.58	ng		96
64) 4,6-Dinitro-2-methylphenol	10.50	198	112127	32.78	ng	#	71
65) n-Nitrosodiphenylamine	10.57	169	1174033	53.34	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	354367	52.91	ng	#	84
67) Hexachlorobenzene	11.00	284	377659	53.81	ng	#	76
68) Atrazine	11.09	200	347941	51.59	ng		97
69) Pentachlorophenol	11.18	266	209162	49.14	ng		98
70) Phenanthrene	11.41	178	1669986	48.65	ng		99
71) Anthracene	11.46	178	1696015	45.27	ng		99
72) Carbazole	11.62	167	1624888	49.78	ng		99
73) Di-n-butylphthalate	11.95	149	2059866	46.67	ng		100
74) Fluoranthene	12.59	202	1462731	41.60	ng		98
76) Benzidine	12.73	184	859267	54.11	ng		99
77) Pyrene	12.82	202	1409620	44.88	ng		98
79) Butylbenzylphthalate	13.45	149	790703	54.50	ng		94
80) Benzo(a)anthracene	14.01	228	1035474	46.07	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	707277	54.29	ng		98
82) Chrysene	14.04	228	1069631	44.64	ng		98
83) Bis(2-ethylhexyl)phthalate	14.01	149	863084	55.09	ng		99
84) Di-n-octyl phthalate	14.61	149	1633012	54.08	ng		98
85) Indeno(1,2,3-cd)pyrene	16.84	276	1268251	64.39	ng		97
87) Benzo(b)fluoranthene	15.04	252	1194342m	41.71	ng		
88) Benzo(k)fluoranthene	15.07	252	1198398m	45.90	ng		
89) Benzo(a)pyrene	15.39	252	1182772	47.69	ng		98
90) Dibenzo(a,h)anthracene	16.87	278	1064424	48.56	ng		98
91) Benzo(g,h,i)perylene	17.27	276	1035668	44.44	ng		95

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

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