Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF063016\
Data File : BF088532.D
Acq On : 30 Jun 2016 16:37
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations
APPROVED
SOHIL
7/1/2016 8:06:54 AM

Quant Time: Jun 30 17:09:15 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 16:14:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	127377	20.00	ng		0.01
21) Naphthalene-d8	8.10	136	513027	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	233742	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	435916	20.00	ng		0.00
75) Chrysene-d12	13.97	240	251550	20.00	ng		0.01
86) Perylene-d12	15.35	264	241186	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	857105	51.77	ng		0.00
7) Phenol-d6	6.46	99	1234767	57.04	ng		0.01
23) Nitrobenzene-d5	7.38	82	1180934	59.32	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	223243	53.20	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1723326	55.37	ng		0.01
78) Terphenyl-d14	12.91	244	1288863	56.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	241847	57.79	ng	#	32
3) Pyridine	3.08	79	710286	58.02	ng		97
4) n-Nitrosodimethylamine	3.05	42	280125	59.01	ng		93
6) Aniline	6.48	93	873506	54.05	ng		94
8) 2-Chlorophenol	6.60	128	527532	56.01	ng		92
9) Benzaldehyde	6.36	77	423767	96.28	ng		90
10) Phenol	6.47	94	756828	58.55	ng		74
11) bis(2-Chloroethyl)ether	6.56	93	532854	55.40	ng		92
12) 1,3-Dichlorobenzene	6.75	146	542251m	54.95	ng		
13) 1,4-Dichlorobenzene	6.83	146	520245	52.56	ng		95
14) 1,2-Dichlorobenzene	6.99	146	524537	56.79	ng	#	94
15) Benzyl Alcohol	6.96	79	413625	47.12	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.11	45	787738	58.53	ng		92
17) 2-Methylphenol	7.07	107	407324	51.19	ng		97
18) Hexachloroethane	7.34	117	225645	59.10	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	393468	52.42	ng		92
20) 3+4-Methylphenols	7.23	107	445795	47.66	ng	#	74
22) Acetophenone	7.23	105	639962	51.52	ng	#	82
24) Nitrobenzene	7.40	77	567938	55.00	ng	#	83
25) Isophorone	7.66	82	1058765	54.70	ng		100
26) 2-Nitrophenol	7.72	139	255253	60.79	ng	#	74
27) 2,4-Dimethylphenol	7.76	122	454242	52.99	ng		91
28) bis(2-Chloroethoxy)methane	7.86	93	713558	59.34	ng	#	97
29) 2,4-Dichlorophenol	7.96	162	417944	58.84	ng		93
30) 1,2,4-Trichlorobenzene	8.04	180	413427	55.05	ng		99
31) Naphthalene	8.12	128	1345953	53.36	ng		100
32) Benzoic acid	7.91	122	386083	83.59	ng		92
33) 4-Chloroaniline	8.17	127	594906	53.67	ng		95
34) Hexachlorobutadiene	8.25	225	242626	60.94	ng		99
35) Caprolactam	8.56	113	132527	52.75	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	497555	61.79	ng		92
37) 2-Methylnaphthalene	8.81	142	903276	53.99	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	394311	61.36	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	210266	50.75	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	295408	57.78	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	290882	61.61	ng	#	93
45) 1,1'-Biphenyl	9.28	154	973265	52.50	ng		98
46) 2-Chloronaphthalene	9.30	162	777147	52.03	ng		97
47) 2-Nitroaniline	9.39	65	292262	57.63	ng		95
48) Acenaphthylene	9.71	152	1292094	53.25	ng		99
49) Dimethylphthalate	9.59	163	934899	53.33	ng		100
50) 2,6-Dinitrotoluene	9.64	165	249088	64.49	ng	#	85
51) Acenaphthene	9.88	154	822019	54.68	ng		98
52) 3-Nitroaniline	9.80	138	264485	57.17	ng		87
53) 2,4-Dinitrophenol	9.91	184	105244	68.62	ng		95
54) Dibenzofuran	10.06	168	988787	46.56	ng	#	86
55) 4-Nitrophenol	9.96	139	251397	67.24	ng	#	83
56) 2,4-Dinitrotoluene	10.04	165	330531	66.32	ng	#	81
57) Fluorene	10.40	166	710515	46.22	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	196266	50.86	ng	#	50
59) Diethylphthalate	10.28	149	976415	54.25	ng		99
60) 4-Chlorophenyl-phenylether	10.40	204	384256	55.05	ng		93
61) 4-Nitroaniline	10.42	138	251143	57.13	ng		86
62) Azobenzene	10.56	77	1161312	52.78	ng		94
64) 4,6-Dinitro-2-methylphenol	10.44	198	134113	66.66	ng		81
65) n-Nitrosodiphenylamine	10.51	169	747722	49.99	ng		98
66) 4-Bromophenyl-phenylether	10.88	248	238785	53.46	ng	#	75
67) Hexachlorobenzene	10.95	284	268853	56.50	ng		93
68) Atrazine	11.04	200	244190	52.56	ng		92
69) Pentachlorophenol	11.13	266	170323	59.71	ng		97
70) Phenanthrene	11.36	178	1330860	53.69	ng		99
71) Anthracene	11.41	178	1224201	50.29	ng		99
72) Carbazole	11.57	167	1334400	57.38	ng		99
73) Di-n-butylphthalate	11.90	149	1435330	52.89	ng	#	99
74) Fluoranthene	12.54	202	1220307	50.79	ng		97
76) Benzidine	12.66	184	815254	99.85	ng		95
77) Pyrene	12.77	202	1269190	58.92	ng		99
79) Butylbenzylphthalate	13.39	149	644869	67.20	ng	#	87
80) Benzo(a)anthracene	13.94	228	976358	58.35	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	402282	72.27	ng		99
82) Chrysene	13.99	228	993833	60.51	ng		100
83) Bis(2-ethylhexyl)phthalate	13.95	149	681088	61.08	ng		99
84) Di-n-octyl phthalate	14.56	149	1166174	63.20	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.71	276	783636	60.44	ng	#	100
87) Benzo(b)fluoranthene	14.96	252	788479m	53.07	ng		
88) Benzo(k)fluoranthene	14.99	252	814898m	59.32	ng		
89) Benzo(a)pyrene	15.30	252	748218	55.46	ng		96
90) Dibenzo(a,h)anthracene	16.73	278	663685	60.16	ng		99
91) Benzo(g,h,i)perylene	17.12	276	707047	61.69	ng		100

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

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