Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081117\
Data File : BF097595.D
Acq On : 11 Aug 2017 14:38
Operator : SJ/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
sohil
8/14/2017 6:38:43 PM

Quant Time: Aug 11 15:14:09 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 14:33:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	108201	20.00	ng		0.00
21) Naphthalene-d8	9.54	136	484805	20.00	ng		0.00
38) Acenaphthene-d10	12.37	164	193414	20.00	ng		0.00
63) Phenanthrene-d10	14.77	188	323591	20.00	ng		0.00
75) Chrysene-d12	18.47	240	179989	20.00	ng		0.00
86) Perylene-d12	20.13	264	180633	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	861605	126.89	ng		0.00
7) Phenol-d6	7.06	99	982202	120.82	ng		0.00
23) Nitrobenzene-d5	8.43	82	807989	103.51	ng		0.01
41) 2,4,6-Tribromophenol	13.67	330	166927	97.55	ng		0.00
44) 2-Fluorobiphenyl	11.33	172	1338892	96.33	ng		0.00
78) Terphenyl-d14	17.13	244	909567	125.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.84	88	174781	54.107	ng	#	76
3) Pyridine	2.41	79	517902m	68.216	ng		
4) n-Nitrosodimethylamine	2.40	42	315473	109.298	ng	#	78
6) Aniline	7.01	93	700969	65.911	ng		98
8) 2-Chlorophenol	7.19	128	450564	62.406	ng		92
9) Benzaldehyde	6.82	77	304591	55.547	ng		96
10) Phenol	7.08	94	505772	59.977	ng		96
11) bis(2-Chloroethyl)ether	7.16	93	404581	60.563	ng		89
12) 1,3-Dichlorobenzene	7.41	146	499908	61.172	ng		97
13) 1,4-Dichlorobenzene	7.54	146	498114	60.105	ng		95
14) 1,2-Dichlorobenzene	7.77	146	431004	56.414	ng		96
15) Benzyl Alcohol	7.81	79	361095	64.717	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.00	45	974662	103.845	ng		93
17) 2-Methylphenol	8.02	107	353573	58.355	ng	#	92
18) Hexachloroethane	8.29	117	171753	62.750	ng	#	81
19) n-Nitroso-di-n-propylamine	8.25	70	348485	67.645	ng	#	84
20) 3+4-Methylphenols	8.28	107	437511	56.884	ng	#	60
22) Acetophenone	8.20	105	642094	56.585	ng	#	97
24) Nitrobenzene	8.46	77	437846	52.507	ng		94
25) Isophorone	8.86	82	812601	55.750	ng		97
26) 2-Nitrophenol	8.96	139	250809	57.439	ng	#	86
27) 2,4-Dimethylphenol	9.11	122	374888	55.322	ng		97
28) bis(2-Chloroethoxy)methane	9.23	93	557102	57.983	ng		99
29) 2,4-Dichlorophenol	9.38	162	370198	56.724	ng		97
30) 1,2,4-Trichlorobenzene	9.47	180	325630	47.951	ng		98
31) Naphthalene	9.57	128	1331267	54.715	ng		99
32) Benzoic acid	9.49	122	240346m	61.468	ng		
33) 4-Chloroaniline	9.72	127	565745	59.491	ng		99
34) Hexachlorobutadiene	9.80	225	189655	54.050	ng		98
35) Caprolactam	10.38	113	115182m	59.312	ng		
36) 4-Chloro-3-methylphenol	10.58	107	375008	54.892	ng		88
37) 2-Methylnaphthalene	10.70	142	790852	48.108	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.98	216	311653	53.839	ng		98
40) Hexachlorocyclopentadiene	10.96	237	57750	43.278	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.20	196	200865	53.971	ng		98
43) 2,4,5-Trichlorophenol	11.28	196	201883	50.997	ng		98
45) 1,1'-Biphenyl	11.47	154	837409	52.532	ng		98
46) 2-Chloronaphthalene	11.49	162	656558	52.713	ng		94
47) 2-Nitroaniline	11.70	65	273207	74.958	ng		94
48) Acenaphthylene	12.14	152	1120426	52.607	ng		99
49) Dimethylphthalate	12.03	163	858355	58.450	ng		100
50) 2,6-Dinitrotoluene	12.12	165	175538	54.801	ng	#	70
51) Acenaphthene	12.43	154	675592	54.923	ng		100
52) 3-Nitroaniline	12.38	138	236638	63.409	ng		98
53) 2,4-Dinitrophenol	12.60	184	75919	49.071	ng	#	73
54) Dibenzofuran	12.71	168	944694	54.568	ng		97
55) 4-Nitrophenol	12.77	139	99031	51.005	ng	#	60
56) 2,4-Dinitrotoluene	12.79	165	248769	57.499	ng	#	78
57) Fluorene	13.27	166	770806	51.162	ng		97
58) 2,3,4,6-Tetrachlorophenol	12.95	232	152282	56.221	ng		99
59) Diethylphthalate	13.17	149	792902	56.104	ng		99
60) 4-Chlorophenyl-phenylether	13.29	204	329352	50.270	ng		96
61) 4-Nitroaniline	13.39	138	221730	63.634	ng		93
62) Azobenzene	13.55	77	790133	61.688	ng		92
64) 4,6-Dinitro-2-methylphenol	13.46	198	127131	59.771	ng		90
65) n-Nitrosodiphenylamine	13.51	169	670714	57.683	ng		98
66) 4-Bromophenyl-phenylether	14.07	248	190605	56.676	ng		94
67) Hexachlorobenzene	14.16	284	206026	62.170	ng	#	85
68) Atrazine	14.43	200	172218	53.219	ng		94
69) Pentachlorophenol	14.52	266	40629	37.426	ng		98
70) Phenanthrene	14.81	178	997371	53.419	ng		99
71) Anthracene	14.89	178	1014259	52.034	ng		99
72) Carbazole	15.18	167	974311	51.292	ng		99
73) Di-n-butylphthalate	15.76	149	1100072	54.434	ng		99
74) Fluoranthene	16.57	202	760405	41.148	ng		99
76) Benzidine	16.79	184	282742	40.902	ng		99
77) Pyrene	16.87	202	782858	58.292	ng		98
79) Butylbenzylphthalate	17.79	149	367046	62.579	ng	#	80
80) Benzo(a)anthracene	18.45	228	598332	57.176	ng		99
81) 3,3'-Dichlorobenzidine	18.44	252	197267	53.021	ng	#	95
82) Chrysene	18.50	228	593241	56.727	ng		100
83) Bis(2-ethylhexyl)phthalate	18.53	149	540618	65.342	ng		98
84) Di-n-octyl phthalate	19.30	149	1108571	81.313	ng	#	91
85) Indeno(1,2,3-cd)pyrene	21.35	276	391594	43.764	ng		98
87) Benzo(b)fluoranthene	19.73	252	628874	55.600	ng		99
88) Benzo(k)fluoranthene	19.76	252	597431	55.261	ng	#	95
89) Benzo(a)pyrene	20.07	252	543052	52.237	ng		98
90) Dibenzo(a,h)anthracene	21.36	278	335434	38.038	ng		98
91) Benzo(g,h,i)perylene	21.70	276	358136	39.836	ng		95

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

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