Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060517\
Data File : BF095672.D
Acq On : 5 Jun 2017 14:32
Operator : SJ/MA
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
6/6/2017 5:12:48 PM

Quant Time: Jun 05 15:12:02 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 14:55:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	117166	20.00	ng		0.00
21) Naphthalene-d8	9.43	136	437676	20.00	ng		0.00
38) Acenaphthene-d10	12.26	164	195988	20.00	ng		0.00
63) Phenanthrene-d10	14.64	188	348429	20.00	ng		0.00
75) Chrysene-d12	18.36	240	274494	20.00	ng		0.00
86) Perylene-d12	20.02	264	237810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	725826	103.28	ng		0.00
7) Phenol-d6	6.96	99	872858	103.52	ng		0.00
23) Nitrobenzene-d5	8.33	82	742609	106.99	ng		0.00
41) 2,4,6-Tribromophenol	13.55	330	171464	106.83	ng		0.00
44) 2-Fluorobiphenyl	11.22	172	1332211	97.84	ng		0.00
78) Terphenyl-d14	17.02	244	1061332	85.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.73	88	163118	47.327	ng		95
3) Pyridine	2.27	79	393647	49.280	ng		100
4) n-Nitrosodimethylamine	2.26	42	156074	46.874	ng		84
6) Aniline	6.90	93	557638	52.385	ng		97
8) 2-Chlorophenol	7.09	128	384627	48.085	ng		96
9) Benzaldehyde	6.70	77	284758	55.306	ng		99
10) Phenol	6.98	94	452773	50.956	ng		91
11) bis(2-Chloroethyl)ether	7.05	93	352574	48.065	ng		96
12) 1,3-Dichlorobenzene	7.30	146	443830	48.914	ng		98
13) 1,4-Dichlorobenzene	7.43	146	447692	48.653	ng		97
14) 1,2-Dichlorobenzene	7.66	146	407641	47.460	ng		96
15) Benzyl Alcohol	7.70	79	311233	57.387	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.90	45	496232	47.796	ng		98
17) 2-Methylphenol	7.93	107	324481	49.569	ng		97
18) Hexachloroethane	8.18	117	148912	47.772	ng	#	83
19) n-Nitroso-di-n-propylamine	8.14	70	283087	49.640	ng		95
20) 3+4-Methylphenols	8.19	107	428779	48.204	ng	#	59
22) Acetophenone	8.10	105	557874	53.126	ng	#	84
24) Nitrobenzene	8.35	77	391521	53.817	ng		93
25) Isophorone	8.76	82	690304	55.698	ng		96
26) 2-Nitrophenol	8.86	139	213652	54.425	ng		96
27) 2,4-Dimethylphenol	9.01	122	301552	47.511	ng		98
28) bis(2-Chloroethoxy)methane	9.13	93	427184	49.825	ng		99
29) 2,4-Dichlorophenol	9.27	162	295102	49.242	ng		94
30) 1,2,4-Trichlorobenzene	9.37	180	299407	46.633	ng		99
31) Naphthalene	9.47	128	1060353	48.203	ng		100
32) Benzoic acid	9.37	122	188051	48.659	ng		93
33) 4-Chloroaniline	9.61	127	427242	52.117	ng		94
34) Hexachlorobutadiene	9.69	225	156596	46.224	ng		98
35) Caprolactam	10.27	113	90442	50.258	ng		87
36) 4-Chloro-3-methylphenol	10.49	107	307552	48.000	ng		90
37) 2-Methylnaphthalene	10.60	142	714802	49.512	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.87	216	291300	48.331	ng		99
40) Hexachlorocyclopentadiene	10.85	237	78182	36.028	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.10	196	189703	47.141	ng		98
43) 2,4,5-Trichlorophenol	11.18	196	199722	46.177	ng		92
45) 1,1'-Biphenyl	11.37	154	776477	47.056	ng		98
46) 2-Chloronaphthalene	11.38	162	606026	45.484	ng		95
47) 2-Nitroaniline	11.59	65	186244	51.071	ng	#	84
48) Acenaphthylene	12.03	152	1044515	50.050	ng		99
49) Dimethylphthalate	11.92	163	740566	46.028	ng		99
50) 2,6-Dinitrotoluene	12.02	165	161564	49.220	ng	#	84
51) Acenaphthene	12.32	154	613972	49.255	ng		98
52) 3-Nitroaniline	12.27	138	192458	54.628	ng		92
53) 2,4-Dinitrophenol	12.49	184	87760	57.226	ng	#	67
54) Dibenzofuran	12.60	168	863042	50.033	ng		99
55) 4-Nitrophenol	12.67	139	105596	49.903	ng	#	59
56) 2,4-Dinitrotoluene	12.67	165	225405	53.440	ng	#	89
57) Fluorene	13.15	166	748360	49.894	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.84	232	140958	51.784	ng	#	95
59) Diethylphthalate	13.07	149	702960	45.583	ng		99
60) 4-Chlorophenyl-phenylether	13.18	204	324424	49.216	ng		91
61) 4-Nitroaniline	13.27	138	180062	55.673	ng		95
62) Azobenzene	13.44	77	633743	51.141	ng		94
64) 4,6-Dinitro-2-methylphenol	13.34	198	117773	50.422	ng	#	72
65) n-Nitrosodiphenylamine	13.40	169	617971	48.868	ng		99
66) 4-Bromophenyl-phenylether	13.96	248	180892	49.140	ng		98
67) Hexachlorobenzene	14.04	284	179703	47.634	ng	#	91
68) Atrazine	14.32	200	168932	47.313	ng		96
69) Pentachlorophenol	14.40	266	61349	41.239	ng		98
70) Phenanthrene	14.69	178	979747	48.939	ng		98
71) Anthracene	14.77	178	1016291	49.697	ng		98
72) Carbazole	15.07	167	1004744	54.000	ng		98
73) Di-n-butylphthalate	15.66	149	1087033	46.848	ng		98
74) Fluoranthene	16.46	202	971952	47.329	ng		99
76) Benzidine	16.69	184	519803	81.521	ng		96
77) Pyrene	16.76	202	1011168	49.255	ng		99
79) Butylbenzylphthalate	17.69	149	454704	47.619	ng	#	87
80) Benzo(a)anthracene	18.35	228	770245	48.215	ng		98
81) 3,3'-Dichlorobenzidine	18.33	252	277887	50.364	ng	#	96
82) Chrysene	18.39	228	777744	50.349	ng		99
83) Bis(2-ethylhexyl)phthalate	18.44	149	641099	47.122	ng	#	100
84) Di-n-octyl phthalate	19.20	149	1051814	47.155	ng		96
85) Indeno(1,2,3-cd)pyrene	21.20	276	628332	50.089	ng		99
87) Benzo(b)fluoranthene	19.62	252	711938	48.449	ng		99
88) Benzo(k)fluoranthene	19.65	252	676285m	47.711	ng		
89) Benzo(a)pyrene	19.97	252	658959	48.598	ng		99
90) Dibenzo(a,h)anthracene	21.20	278	534559	47.735	ng		97
91) Benzo(g,h,i)perylene	21.53	276	556065	50.600	ng		99

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

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