Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101717\
Data File : BF099581.D
Acq On : 17 Oct 2017 15:15
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/18/2017 7:25:34 PM

Quant Time: Oct 17 17:38:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 17:32:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	105106	20.00	ng		0.00
21) Naphthalene-d8	8.11	136	431291	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	202279	20.00	ng		0.00
63) Phenanthrene-d10	11.35	188	362600	20.00	ng		0.00
75) Chrysene-d12	14.00	240	248144	20.00	ng		0.00
86) Perylene-d12	15.45	264	179637	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	552197	83.63	ng		0.00
7) Phenol-d6	6.47	99	669097	82.15	ng		0.00
23) Nitrobenzene-d5	7.40	82	549887	81.76	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	146390	88.44	ng		0.00
44) 2-Fluorobiphenyl	9.19	172	1034830	85.40	ng		0.00
78) Terphenyl-d14	12.93	244	967183	88.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.58	88	124916	39.606	ng	#	92
3) Pyridine	3.35	79	323097	37.869	ng		92
4) n-Nitrosodimethylamine	3.31	42	118045	32.627	ng	#	75
6) Aniline	6.50	93	433930	39.474	ng		96
8) 2-Chlorophenol	6.62	128	312419	41.783	ng		92
9) Benzaldehyde	6.39	77	163630	34.633	ng		92
10) Phenol	6.48	94	391286	42.955	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	288991	40.809	ng		94
12) 1,3-Dichlorobenzene	6.77	146	331293	42.307	ng		96
13) 1,4-Dichlorobenzene	6.85	146	339472	42.609	ng		98
14) 1,2-Dichlorobenzene	7.00	146	312496	42.449	ng		97
15) Benzyl Alcohol	6.97	79	212529	35.568	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	381409	34.569	ng		89
17) 2-Methylphenol	7.09	107	250328	40.917	ng		99
18) Hexachloroethane	7.33	117	116557	40.701	ng		97
19) n-Nitroso-di-n-propylamine	7.25	70	184715	35.521	ng		91
20) 3+4-Methylphenols	7.24	107	291393	37.649	ng	#	73
22) Acetophenone	7.25	105	401204	38.395	ng	#	95
24) Nitrobenzene	7.42	77	304980	39.977	ng		95
25) Isophorone	7.65	82	552028	39.701	ng		100
26) 2-Nitrophenol	7.73	139	175628	47.874	ng		91
27) 2,4-Dimethylphenol	7.76	122	272283	39.301	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	357563	41.265	ng		99
29) 2,4-Dichlorophenol	7.97	162	258003	43.374	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	259703	43.653	ng		98
31) Naphthalene	8.13	128	856759	42.296	ng		100
32) Benzoic acid	7.92	122	195446	34.343	ng		97
33) 4-Chloroaniline	8.19	127	360751	42.647	ng	#	94
34) Hexachlorobutadiene	8.24	225	134194	43.793	ng		97
35) Caprolactam	8.57	113	81405m	42.664	ng		
36) 4-Chloro-3-methylphenol	8.67	107	276852	41.409	ng		94
37) 2-Methylnaphthalene	8.82	142	555708	42.201	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	260373	43.162	ng		98
40) Hexachlorocyclopentadiene	8.97	237	106801	38.740	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	172054	40.259	ng		100
43) 2,4,5-Trichlorophenol	9.15	196	172571	40.451	ng		96
45) 1,1'-Biphenyl	9.29	154	725497	41.732	ng		99
46) 2-Chloronaphthalene	9.32	162	554442	42.477	ng		96
47) 2-Nitroaniline	9.42	65	155305	38.858	ng		90
48) Acenaphthylene	9.73	152	828886	41.482	ng		100
49) Dimethylphthalate	9.59	163	653223	42.787	ng		100
50) 2,6-Dinitrotoluene	9.66	165	147344	44.331	ng	#	83
51) Acenaphthene	9.90	154	493907	39.021	ng		98
52) 3-Nitroaniline	9.83	138	167596	43.246	ng		93
53) 2,4-Dinitrophenol	9.94	184	54481	35.018	ng		96
54) Dibenzofuran	10.07	168	676390	40.135	ng		99
55) 4-Nitrophenol	10.00	139	144276	44.027	ng	#	79
56) 2,4-Dinitrotoluene	10.06	165	178578	41.399	ng		95
57) Fluorene	10.42	166	576182	42.537	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	112644	38.223	ng		88
59) Diethylphthalate	10.28	149	613681	41.137	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	259230	42.604	ng		91
61) 4-Nitroaniline	10.45	138	167809	44.882	ng		89
62) Azobenzene	10.56	77	525048	38.278	ng		92
64) 4,6-Dinitro-2-methylphenol	10.47	198	99667	45.177	ng		84
65) n-Nitrosodiphenylamine	10.52	169	520824	41.462	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	152199	42.882	ng		92
67) Hexachlorobenzene	10.96	284	161388	42.574	ng		95
68) Atrazine	11.05	200	155194	41.063	ng		98
69) Pentachlorophenol	11.16	266	83181	35.258	ng		98
70) Phenanthrene	11.37	178	808653	41.664	ng		99
71) Anthracene	11.43	178	824292	41.507	ng		100
72) Carbazole	11.59	167	792762	40.764	ng		100
73) Di-n-butylphthalate	11.90	149	971035	41.483	ng		98
74) Fluoranthene	12.57	202	814106	41.422	ng		97
76) Benzidine	12.69	184	354911	38.670	ng		99
77) Pyrene	12.80	202	831516	43.945	ng		99
79) Butylbenzylphthalate	13.40	149	402704	45.284	ng		95
80) Benzo(a)anthracene	13.99	228	648384	43.152	ng		99
81) 3,3'-Dichlorobenzidine	13.94	252	209729	38.075	ng		97
82) Chrysene	14.02	228	604914	42.286	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	550078	44.923	ng	#	99
84) Di-n-octyl phthalate	14.56	149	917017	46.509	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.93	276	435302	38.040	ng		97
87) Benzo(b)fluoranthene	15.03	252	482562m	43.691	ng		
88) Benzo(k)fluoranthene	15.06	252	496174	45.483	ng		99
89) Benzo(a)pyrene	15.39	252	436656	43.070	ng		97
90) Dibenzo(a,h)anthracene	16.93	278	356102	43.889	ng		98
91) Benzo(g,h,i)perylene	17.37	276	370208	46.159	ng		94

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

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