Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112717\
Data File : BF100880.D
Acq On : 27 Nov 2017 9:36
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/28/2017 2:44:38 PM

Quant Time: Nov 28 05:54:21 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 27 14:11:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	68552	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	276241	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	133361	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	262612	20.00	ng		0.00
75) Chrysene-d12	14.03	240	217205	20.00	ng		0.00
86) Perylene-d12	15.50	264	193026	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	336360	78.65	ng		0.00
7) Phenol-d6	6.49	99	412053	78.14	ng		0.00
23) Nitrobenzene-d5	7.43	82	381887	91.40	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	127092	93.52	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	790550	90.26	ng		0.00
78) Terphenyl-d14	12.97	244	804857	85.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	75072	36.022	ng		97
3) Pyridine	3.39	79	199994	35.174	ng		98
4) n-Nitrosodimethylamine	3.35	42	96659	35.014	ng		94
6) Aniline	6.53	93	272802	36.617	ng		98
8) 2-Chlorophenol	6.65	128	188628	41.694	ng		94
9) Benzaldehyde	6.41	77	123615	32.824	ng		99
10) Phenol	6.50	94	227747	41.139	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	174461	37.518	ng		98
12) 1,3-Dichlorobenzene	6.80	146	221018	42.373	ng		97
13) 1,4-Dichlorobenzene	6.87	146	222912	42.224	ng		99
14) 1,2-Dichlorobenzene	7.03	146	212195	43.473	ng		96
15) Benzyl Alcohol	7.00	79	164114	39.875	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	257132m	34.573	ng		
17) 2-Methylphenol	7.11	107	152991	39.572	ng		99
18) Hexachloroethane	7.37	117	74451	42.772	ng		95
19) n-Nitroso-di-n-propylamine	7.27	70	137949	37.720	ng		93
20) 3+4-Methylphenols	7.26	107	195397	39.939	ng	#	87
22) Acetophenone	7.27	105	269724	40.042	ng	#	98
24) Nitrobenzene	7.45	77	189859	44.148	ng		98
25) Isophorone	7.68	82	330092	37.594	ng		100
26) 2-Nitrophenol	7.76	139	102008	50.301	ng		97
27) 2,4-Dimethylphenol	7.79	122	148215	37.656	ng		98
28) bis(2-Chloroethoxy)methane	7.89	93	221652	38.593	ng		100
29) 2,4-Dichlorophenol	8.00	162	164426	43.759	ng		98
30) 1,2,4-Trichlorobenzene	8.08	180	177969	43.786	ng		98
31) Naphthalene	8.17	128	554449	41.671	ng		99
32) Benzoic acid	7.92	122	130402m	44.189	ng		
33) 4-Chloroaniline	8.22	127	228423	41.244	ng		97
34) Hexachlorobutadiene	8.28	225	109003	45.105	ng		99
35) Caprolactam	8.60	113	48568	37.664	ng		96
36) 4-Chloro-3-methylphenol	8.69	107	167596	41.529	ng		97
37) 2-Methylnaphthalene	8.86	142	368886	41.761	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	201920	45.653	ng	#	96
40) Hexachlorocyclopentadiene	9.00	237	78894	37.900	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	124332	44.354	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	131705	45.348	ng	#	91
45) 1,1'-Biphenyl	9.32	154	497584	43.139	ng		98
46) 2-Chloronaphthalene	9.35	162	357342	42.705	ng		96
47) 2-Nitroaniline	9.45	65	104728	42.684	ng		93
48) Acenaphthylene	9.76	152	576279	41.557	ng		100
49) Dimethylphthalate	9.62	163	429226	42.154	ng		99
50) 2,6-Dinitrotoluene	9.69	165	90799	45.050	ng	#	84
51) Acenaphthene	9.93	154	337561	40.025	ng		99
52) 3-Nitroaniline	9.86	138	103001	43.277	ng		92
53) 2,4-Dinitrophenol	9.96	184	45216	59.247	ng	#	11
54) Dibenzofuran	10.10	168	489099	41.377	ng		98
55) 4-Nitrophenol	10.01	139	74168	38.378	ng		94
56) 2,4-Dinitrotoluene	10.09	165	120407	47.355	ng	#	94
57) Fluorene	10.45	166	391373	45.197	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	104915	44.077	ng	#	83
59) Diethylphthalate	10.32	149	418432	41.065	ng		96
60) 4-Chlorophenyl-phenylether	10.44	204	194420	45.768	ng		88
61) 4-Nitroaniline	10.47	138	103018	45.648	ng		91
62) Azobenzene	10.60	77	352975	36.780	ng		95
64) 4,6-Dinitro-2-methylphenol	10.50	198	72180	53.287	ng		80
65) n-Nitrosodiphenylamine	10.56	169	376975	41.284	ng		96
66) 4-Bromophenyl-phenylether	10.93	248	122413	43.483	ng	#	86
67) Hexachlorobenzene	10.99	284	128851	43.762	ng	#	90
68) Atrazine	11.08	200	118167	42.751	ng		98
69) Pentachlorophenol	11.19	266	81821	38.755	ng		99
70) Phenanthrene	11.41	178	574409	41.543	ng		98
71) Anthracene	11.46	178	585440	41.733	ng		99
72) Carbazole	11.62	167	522514	40.368	ng		99
73) Di-n-butylphthalate	11.94	149	669111	44.173	ng		100
74) Fluoranthene	12.60	202	617966	42.171	ng		96
76) Benzidine	12.72	184	333233	38.309	ng		99
77) Pyrene	12.83	202	630373	40.713	ng		99
79) Butylbenzylphthalate	13.44	149	277277	43.913	ng		94
80) Benzo(a)anthracene	14.02	228	557421	42.616	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	195112	41.634	ng	#	97
82) Chrysene	14.06	228	515529	40.701	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	393133	47.338	ng		99
84) Di-n-octyl phthalate	14.60	149	646274	45.299	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	423747	41.361	ng	#	93
87) Benzo(b)fluoranthene	15.07	252	487678	42.645	ng		98
88) Benzo(k)fluoranthene	15.10	252	466278	43.153	ng		97
89) Benzo(a)pyrene	15.43	252	427918	42.208	ng		99
90) Dibenzo(a,h)anthracene	16.99	278	355734	42.905	ng		95
91) Benzo(g,h,i)perylene	17.43	276	343828	42.364	ng	#	93

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

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