Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122617\
Data File : BF101703.D
Acq On : 26 Dec 2017 9:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/27/2017 4:14:04 PM

Quant Time: Dec 26 10:52:13 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 26 10:48:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	125017	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	504761	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	231989	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	444250	20.00	ng		0.00
75) Chrysene-d12	13.97	240	363164	20.00	ng		0.00
86) Perylene-d12	15.43	264	332249	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	695078	82.82	ng		0.00
7) Phenol-d6	6.43	99	783071	74.97	ng		0.00
23) Nitrobenzene-d5	7.36	82	703091	77.54	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	188879	84.49	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1177587	78.74	ng		0.00
78) Terphenyl-d14	12.90	244	1142220	75.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	159729	37.039	ng		95
3) Pyridine	3.25	79	422115	35.230	ng		92
4) n-Nitrosodimethylamine	3.22	42	195303	35.402	ng		99
6) Aniline	6.46	93	539797	37.188	ng	#	88
8) 2-Chlorophenol	6.58	128	343805	38.942	ng		98
9) Benzaldehyde	6.35	77	266308	34.523	ng		99
10) Phenol	6.45	94	450743	37.862	ng		96
11) bis(2-Chloroethyl)ether	6.53	93	349880	37.467	ng		94
12) 1,3-Dichlorobenzene	6.73	146	392666	39.408	ng		98
13) 1,4-Dichlorobenzene	6.80	146	403143	39.620	ng		99
14) 1,2-Dichlorobenzene	6.96	146	365371	39.892	ng		98
15) Benzyl Alcohol	6.95	79	271912	37.821	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	538985	37.713	ng		67
17) 2-Methylphenol	7.05	107	300232	36.969	ng	#	94
18) Hexachloroethane	7.29	117	137496	38.866	ng		97
19) n-Nitroso-di-n-propylamine	7.20	70	256826	37.441	ng		94
20) 3+4-Methylphenols	7.21	107	373763	43.432	ng	#	43
22) Acetophenone	7.21	105	462595	40.165	ng	#	93
24) Nitrobenzene	7.38	77	393246	39.185	ng		99
25) Isophorone	7.62	82	669206	36.789	ng		98
26) 2-Nitrophenol	7.70	139	188687	43.764	ng		97
27) 2,4-Dimethylphenol	7.73	122	283085	38.648	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	440604	38.131	ng		99
29) 2,4-Dichlorophenol	7.95	162	293211	40.519	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	299209	39.181	ng		96
31) Naphthalene	8.09	128	984032	38.724	ng		100
32) Benzoic acid	7.90	122	199409	41.664	ng		96
33) 4-Chloroaniline	8.15	127	433200	39.222	ng		99
34) Hexachlorobutadiene	8.20	225	179355	40.607	ng		99
35) Caprolactam	8.53	113	94191m	37.486	ng		
36) 4-Chloro-3-methylphenol	8.64	107	314882	39.590	ng		99
37) 2-Methylnaphthalene	8.78	142	635164	38.364	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	315845	40.325	ng		98
40) Hexachlorocyclopentadiene	8.93	237	45299	41.447	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	184113	39.045	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	192218	37.229	ng		93
45) 1,1'-Biphenyl	9.25	154	795182	38.650	ng		99
46) 2-Chloronaphthalene	9.27	162	598834	38.040	ng		97
47) 2-Nitroaniline	9.39	65	216907	39.886	ng		95
48) Acenaphthylene	9.69	152	933697	37.551	ng		99
49) Dimethylphthalate	9.55	163	682968	36.600	ng		100
50) 2,6-Dinitrotoluene	9.63	165	149805	39.499	ng		93
51) Acenaphthene	9.86	154	575882	38.550	ng		100
52) 3-Nitroaniline	9.80	138	193051	40.828	ng		96
53) 2,4-Dinitrophenol	9.94	184	57306	48.107	ng	#	18
54) Dibenzofuran	10.03	168	805017	42.404	ng		99
55) 4-Nitrophenol	9.99	139	85938	41.681	ng		93
56) 2,4-Dinitrotoluene	10.04	165	201516	47.160	ng	#	86
57) Fluorene	10.37	166	659300	41.053	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	151940	40.960	ng		89
59) Diethylphthalate	10.25	149	717885	38.849	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	326298	42.394	ng		91
61) 4-Nitroaniline	10.42	138	179899	37.851	ng		95
62) Azobenzene	10.53	77	709767	37.078	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	100723	44.429	ng		93
65) n-Nitrosodiphenylamine	10.49	169	620659	37.837	ng		96
66) 4-Bromophenyl-phenylether	10.85	248	201169	40.301	ng		92
67) Hexachlorobenzene	10.93	284	211256	39.987	ng	#	91
68) Atrazine	11.02	200	189365	38.716	ng		96
69) Pentachlorophenol	11.14	266	57887	32.424	ng		98
70) Phenanthrene	11.34	178	946525	38.312	ng		99
71) Anthracene	11.39	178	982884	38.948	ng		100
72) Carbazole	11.56	167	929305	39.332	ng		99
73) Di-n-butylphthalate	11.86	149	1147011	39.997	ng		99
74) Fluoranthene	12.53	202	1029065	39.683	ng		99
76) Benzidine	12.66	184	500926	32.659	ng		99
77) Pyrene	12.76	202	1042783	38.260	ng		99
79) Butylbenzylphthalate	13.36	149	487782	39.553	ng		99
80) Benzo(a)anthracene	13.96	228	895025	37.323	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	289638	37.042	ng		98
82) Chrysene	14.00	228	874708	38.632	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	603316	38.623	ng		99
84) Di-n-octyl phthalate	14.53	149	1092871	39.231	ng		99
85) Indeno(1,2,3-cd)pyrene	16.91	276	692019	34.322	ng		96
87) Benzo(b)fluoranthene	15.00	252	816392	40.313	ng		97
88) Benzo(k)fluoranthene	15.03	252	732243	37.189	ng		98
89) Benzo(a)pyrene	15.37	252	713911	38.241	ng		99
90) Dibenzo(a,h)anthracene	16.90	278	589633	36.786	ng		98
91) Benzo(g,h,i)perylene	17.35	276	572215	36.052	ng		96

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

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