Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF022018\
Data File : BF103112.D
Acq On : 20 Feb 2018 9:08
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
2/21/2018 10:10:18 AM

Quant Time: Feb 20 13:23:46 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 16 14:34:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	183389	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	764118	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	347114	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	601119	20.00	ng		0.00
75) Chrysene-d12	14.05	240	442923	20.00	ng		0.00
86) Perylene-d12	15.54	264	422979	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	908197	75.21	ng		0.00
7) Phenol-d6	6.51	99	1101888	75.78	ng		0.00
23) Nitrobenzene-d5	7.45	82	986718	89.58	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	228782	81.89	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1522044	72.76	ng		0.00
78) Terphenyl-d14	12.99	244	1298495	69.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	236853	39.711	ng		88
3) Pyridine	3.43	79	677048	41.086	ng		94
4) n-Nitrosodimethylamine	3.39	42	265723	37.688	ng		99
6) Aniline	6.55	93	806139	37.543	ng		95
8) 2-Chlorophenol	6.66	128	474352	38.156	ng		92
9) Benzaldehyde	6.43	77	453739	42.022	ng		97
10) Phenol	6.53	94	643974	41.328	ng		94
11) bis(2-Chloroethyl)ether	6.62	93	493138	38.033	ng		93
12) 1,3-Dichlorobenzene	6.82	146	539923	37.504	ng		99
13) 1,4-Dichlorobenzene	6.89	146	539171	37.597	ng		99
14) 1,2-Dichlorobenzene	7.05	146	492440	36.867	ng		99
15) Benzyl Alcohol	7.02	79	424023	37.931	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	843288	34.237	ng		100
17) 2-Methylphenol	7.13	107	431002	37.585	ng		98
18) Hexachloroethane	7.39	117	198076	40.278	ng		93
19) n-Nitroso-di-n-propylamine	7.29	70	327870	34.201	ng		98
20) 3+4-Methylphenols	7.29	107	492009	34.792	ng	#	72
22) Acetophenone	7.29	105	640077	34.231	ng	#	95
24) Nitrobenzene	7.46	77	541288	41.771	ng		98
25) Isophorone	7.70	82	949001	37.416	ng		98
26) 2-Nitrophenol	7.77	139	275456	51.071	ng		94
27) 2,4-Dimethylphenol	7.81	122	389016	36.303	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	571539	38.039	ng		99
29) 2,4-Dichlorophenol	8.02	162	385639	39.588	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	410538	37.254	ng		98
31) Naphthalene	8.19	128	1363976	36.535	ng		100
32) Benzoic acid	7.93	122	213551m	33.143	ng		
33) 4-Chloroaniline	8.23	127	619552	38.522	ng		99
34) Hexachlorobutadiene	8.29	225	209222	37.050	ng		98
35) Caprolactam	8.62	113	141573	41.848	ng		88
36) 4-Chloro-3-methylphenol	8.71	107	430504	39.333	ng		99
37) 2-Methylnaphthalene	8.87	142	885593	36.232	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	360924	38.188	ng		99
40) Hexachlorocyclopentadiene	9.02	237	154125	34.304	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	253578	40.848	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	280364	40.070	ng		99
45) 1,1'-Biphenyl	9.34	154	1063784	36.386	ng		99
46) 2-Chloronaphthalene	9.36	162	862844	37.487	ng		99
47) 2-Nitroaniline	9.46	65	323246	45.692	ng		91
48) Acenaphthylene	9.78	152	1305182	36.509	ng		99
49) Dimethylphthalate	9.64	163	1031628	38.116	ng		100
50) 2,6-Dinitrotoluene	9.70	165	229656	44.600	ng		97
51) Acenaphthene	9.95	154	758697	35.488	ng		99
52) 3-Nitroaniline	9.87	138	292506	46.167	ng		99
53) 2,4-Dinitrophenol	9.98	184	55165	46.361	ng	#	18
54) Dibenzofuran	10.12	168	1082403	35.926	ng		97
55) 4-Nitrophenol	10.03	139	183721	37.535	ng		91
56) 2,4-Dinitrotoluene	10.11	165	294913	43.044	ng		96
57) Fluorene	10.47	166	845144	38.554	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	194335	40.074	ng		99
59) Diethylphthalate	10.33	149	970476	36.314	ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	374870	38.657	ng		97
61) 4-Nitroaniline	10.49	138	289975	48.083	ng		92
62) Azobenzene	10.62	77	982653	36.807	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	126073	49.745	ng		93
65) n-Nitrosodiphenylamine	10.57	169	777818	36.684	ng		100
66) 4-Bromophenyl-phenylether	10.95	248	231646	36.430	ng		96
67) Hexachlorobenzene	11.02	284	258868	36.903	ng		95
68) Atrazine	11.10	200	235552	37.657	ng		97
69) Pentachlorophenol	11.21	266	131824	32.013	ng		96
70) Phenanthrene	11.43	178	1191253	35.583	ng		99
71) Anthracene	11.49	178	1228496	36.078	ng		100
72) Carbazole	11.64	167	1251816	37.526	ng		99
73) Di-n-butylphthalate	11.96	149	1542835	38.074	ng		100
74) Fluoranthene	12.62	202	1229078	36.489	ng		99
76) Benzidine	12.74	184	822374	40.398	ng		99
77) Pyrene	12.85	202	1277860	36.792	ng		100
79) Butylbenzylphthalate	13.46	149	669511	40.463	ng		97
80) Benzo(a)anthracene	14.04	228	1104173	39.639	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	403731	39.090	ng		99
82) Chrysene	14.08	228	1034973	36.858	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	891925	41.921	ng	#	98
84) Di-n-octyl phthalate	14.63	149	1435967	44.948	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	858281	36.854	ng		99
87) Benzo(b)fluoranthene	15.10	252	998074	36.395	ng		98
88) Benzo(k)fluoranthene	15.13	252	1001790	38.232	ng		99
89) Benzo(a)pyrene	15.48	252	927690	37.582	ng		97
90) Dibenzo(a,h)anthracene	17.07	278	706472	35.261	ng		99
91) Benzo(g,h,i)perylene	17.51	276	706295	36.016	ng		98

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

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