Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_F\DATA\BF021618\
Data File : BF103042.D
Acq On : 16 Feb 2018 10:40
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 16 13:35:57 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 15 14:08:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	181925	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	787248	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	358554	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	625837	20.00	ng		0.00
75) Chrysene-d12	14.06	240	471645	20.00	ng		0.00
86) Perylene-d12	15.54	264	450858	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	946922	79.05	ng		0.00
7) Phenol-d6	6.51	99	1141632	79.15	ng		0.00
23) Nitrobenzene-d5	7.45	82	1026917	90.49	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	249342	86.40	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1604518	74.26	ng		0.00
78) Terphenyl-d14	12.99	244	1375454	69.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	246785	41.709	ng		89
3) Pyridine	3.43	79	702721	42.987	ng		93
4) n-Nitrosodimethylamine	3.39	42	276768	39.571	ng		99
6) Aniline	6.55	93	839047	39.391	ng		95
8) 2-Chlorophenol	6.66	128	492575	39.940	ng		92
9) Benzaldehyde	6.43	77	362858	33.875	ng		97
10) Phenol	6.53	94	665101	43.027	ng		93
11) bis(2-Chloroethyl)ether	6.62	93	511933	39.800	ng		93
12) 1,3-Dichlorobenzene	6.82	146	558067	39.076	ng		99
13) 1,4-Dichlorobenzene	6.90	146	561011	39.435	ng		99
14) 1,2-Dichlorobenzene	7.05	146	512251	38.658	ng		99
15) Benzyl Alcohol	7.02	79	441135	39.780	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	887858	36.337	ng		99
17) 2-Methylphenol	7.13	107	449247	39.491	ng		99
18) Hexachloroethane	7.39	117	202810	41.573	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	351916	37.005	ng		97
20) 3+4-Methylphenols	7.29	107	513072	36.574	ng	#	71
22) Acetophenone	7.29	105	672189	34.892	ng	#	93
24) Nitrobenzene	7.46	77	560706	41.999	ng		98
25) Isophorone	7.70	82	993043	38.002	ng		97
26) 2-Nitrophenol	7.78	139	290630	52.093	ng		97
27) 2,4-Dimethylphenol	7.81	122	399595	36.195	ng		100
28) bis(2-Chloroethoxy)methane	7.91	93	600234	38.775	ng		100
29) 2,4-Dichlorophenol	8.02	162	408310	40.684	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	431570	38.012	ng		99
31) Naphthalene	8.19	128	1436869	37.357	ng		99
32) Benzoic acid	7.95	122	299375	40.977	ng		95
33) 4-Chloroaniline	8.23	127	635106	38.329	ng		98
34) Hexachlorobutadiene	8.30	225	219425	37.716	ng		98
35) Caprolactam	8.62	113	145815	41.836	ng	#	72
36) 4-Chloro-3-methylphenol	8.72	107	448266	39.753	ng		95
37) 2-Methylnaphthalene	8.87	142	927336	36.825	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	375901	38.503	ng		99
40) Hexachlorocyclopentadiene	9.02	237	173312	37.343	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	266842	41.613	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	295235	40.849	ng		96
45) 1,1'-Biphenyl	9.34	154	1118315	37.030	ng		99
46) 2-Chloronaphthalene	9.37	162	891915	37.514	ng		98
47) 2-Nitroaniline	9.46	65	341442	46.645	ng		90
48) Acenaphthylene	9.78	152	1387272	37.567	ng		99
49) Dimethylphthalate	9.64	163	1082284	38.712	ng		100
50) 2,6-Dinitrotoluene	9.70	165	236394	44.444	ng		94
51) Acenaphthene	9.96	154	793677	35.939	ng		100
52) 3-Nitroaniline	9.87	138	302609	46.238	ng		100
53) 2,4-Dinitrophenol	9.98	184	85134	58.900	ng	#	19
54) Dibenzofuran	10.13	168	1155824	37.139	ng		98
55) 4-Nitrophenol	10.03	139	197052	38.819	ng		89
56) 2,4-Dinitrotoluene	10.11	165	313165	44.163	ng		96
57) Fluorene	10.47	166	884217	39.049	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	202414	40.408	ng		98
59) Diethylphthalate	10.33	149	1039649	37.661	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	398702	39.803	ng		99
61) 4-Nitroaniline	10.49	138	301814	48.449	ng		92
62) Azobenzene	10.62	77	1027683	37.265	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	154233	56.020	ng		96
65) n-Nitrosodiphenylamine	10.58	169	819567	37.126	ng		98
66) 4-Bromophenyl-phenylether	10.95	248	245682	37.111	ng		90
67) Hexachlorobenzene	11.02	284	270918	37.095	ng		99
68) Atrazine	11.10	200	254188	39.031	ng		98
69) Pentachlorophenol	11.21	266	150297	35.057	ng		97
70) Phenanthrene	11.43	178	1261601	36.196	ng		99
71) Anthracene	11.49	178	1311766	37.002	ng		99
72) Carbazole	11.64	167	1311638	37.766	ng		99
73) Di-n-butylphthalate	11.96	149	1632084	38.685	ng		99
74) Fluoranthene	12.63	202	1284495	36.628	ng		99
76) Benzidine	12.74	184	918509	42.373	ng		99
77) Pyrene	12.86	202	1337639	36.168	ng		100
79) Butylbenzylphthalate	13.46	149	711597	40.390	ng		100
80) Benzo(a)anthracene	14.04	228	1160444	39.122	ng		100
81) 3,3'-Dichlorobenzidine	14.00	252	431748	39.257	ng		100
82) Chrysene	14.09	228	1089859	36.449	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	959148	42.335	ng	#	99
84) Di-n-octyl phthalate	14.64	149	1528726	44.938	ng		99
85) Indeno(1,2,3-cd)pyrene	17.06	276	951157	38.354	ng		98
87) Benzo(b)fluoranthene	15.11	252	1042907	35.678	ng		97
88) Benzo(k)fluoranthene	15.14	252	1045758	37.442	ng		99
89) Benzo(a)pyrene	15.49	252	976084	37.098	ng		98
90) Dibenzo(a,h)anthracene	17.07	278	791908	37.081	ng		97
91) Benzo(g,h,i)perylene	17.52	276	786830	37.642	ng		99

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

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