Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011818\
Data File : BF102192.D
Acq On : 18 Jan 2018 15:06
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jan 19 00:11:35 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 17 15:28:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	152554	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	625162	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	279653	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	487889	20.00	ng		0.00
75) Chrysene-d12	13.87	240	367536	20.00	ng		0.00
86) Perylene-d12	15.29	264	298764	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	819269	75.83	ng		0.00
7) Phenol-d6	6.36	99	966191	74.96	ng		0.00
23) Nitrobenzene-d5	7.29	82	882073	82.91	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	224254	91.89	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1539849	86.02	ng		0.00
78) Terphenyl-d14	12.83	244	1292286	73.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	193225	35.839	ng		98
3) Pyridine	3.08	79	518593	35.222	ng		95
4) n-Nitrosodimethylamine	3.05	42	209880	34.040	ng		99
6) Aniline	6.39	93	661865	36.436	ng		99
8) 2-Chlorophenol	6.50	128	424692	39.196	ng		98
9) Benzaldehyde	6.27	77	290848	32.497	ng		94
10) Phenol	6.37	94	523186	35.916	ng		81
11) bis(2-Chloroethyl)ether	6.46	93	400400	36.113	ng		97
12) 1,3-Dichlorobenzene	6.66	146	489591	39.197	ng		98
13) 1,4-Dichlorobenzene	6.74	146	493396	39.587	ng		98
14) 1,2-Dichlorobenzene	6.89	146	458385	39.735	ng		99
15) Benzyl Alcohol	6.87	79	353270	37.468	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	676028	33.076	ng		98
17) 2-Methylphenol	6.98	107	370791	37.935	ng		98
18) Hexachloroethane	7.23	117	174682	39.801	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	300599	35.586	ng		98
20) 3+4-Methylphenols	7.13	107	436291	37.175	ng	#	71
22) Acetophenone	7.14	105	578308	38.393	ng	#	91
24) Nitrobenzene	7.31	77	451429	39.489	ng		100
25) Isophorone	7.55	82	785925	37.388	ng		99
26) 2-Nitrophenol	7.62	139	245264	51.260	ng		97
27) 2,4-Dimethylphenol	7.66	122	339127	37.951	ng		98
28) bis(2-Chloroethoxy)methane	7.76	93	472783	37.249	ng		99
29) 2,4-Dichlorophenol	7.86	162	348376	41.058	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	368433	41.513	ng		97
31) Naphthalene	8.03	128	1224436	39.197	ng		100
32) Benzoic acid	7.80	122	251007	37.044	ng		99
33) 4-Chloroaniline	8.08	127	530582	39.795	ng		98
34) Hexachlorobutadiene	8.14	225	199057	42.372	ng		98
35) Caprolactam	8.47	113	112774	38.716	ng		94
36) 4-Chloro-3-methylphenol	8.56	107	370900	39.934	ng		99
37) 2-Methylnaphthalene	8.72	142	816269	39.692	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	334796	42.317	ng		99
40) Hexachlorocyclopentadiene	8.87	237	178305	41.210	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	231275	42.420	ng		96
43) 2,4,5-Trichlorophenol	9.03	196	258040	41.876	ng		97
45) 1,1'-Biphenyl	9.19	154	980709	39.675	ng		97
46) 2-Chloronaphthalene	9.21	162	769326	40.136	ng		97
47) 2-Nitroaniline	9.30	65	249573	43.466	ng		95
48) Acenaphthylene	9.62	152	1194919	39.281	ng		99
49) Dimethylphthalate	9.49	163	908444	40.494	ng		99
50) 2,6-Dinitrotoluene	9.55	165	201387	44.940	ng		97
51) Acenaphthene	9.79	154	693468	37.559	ng		99
52) 3-Nitroaniline	9.72	138	238532	42.177	ng		93
53) 2,4-Dinitrophenol	9.82	184	93649	57.424	ng	#	22
54) Dibenzofuran	9.96	168	996198	39.314	ng		99
55) 4-Nitrophenol	9.88	139	178999	42.470	ng		90
56) 2,4-Dinitrotoluene	9.95	165	259358	46.176	ng		98
57) Fluorene	10.30	166	765800	43.717	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	187991	42.852	ng		99
59) Diethylphthalate	10.19	149	863313	38.686	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	331124	44.392	ng		97
61) 4-Nitroaniline	10.33	138	244414	45.537	ng		94
62) Azobenzene	10.46	77	813695	36.649	ng		99
64) 4,6-Dinitro-2-methylphenol	10.36	198	140747	52.513	ng		80
65) n-Nitrosodiphenylamine	10.42	169	705350	38.608	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	211363	41.023	ng		98
67) Hexachlorobenzene	10.85	284	231040	41.075	ng		91
68) Atrazine	10.95	200	219610	41.594	ng		99
69) Pentachlorophenol	11.05	266	146004	42.568	ng		97
70) Phenanthrene	11.26	178	1113402	39.068	ng		99
71) Anthracene	11.32	178	1134875	39.264	ng		100
72) Carbazole	11.47	167	1107668	38.990	ng		99
73) Di-n-butylphthalate	11.80	149	1341501	38.489	ng		99
74) Fluoranthene	12.45	202	1121156	39.985	ng		98
76) Benzidine	12.57	184	509543	28.710	ng		97
77) Pyrene	12.68	202	1149807	35.392	ng		99
79) Butylbenzylphthalate	13.30	149	557216	37.373	ng		98
80) Benzo(a)anthracene	13.86	228	881288	37.582	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	332261	38.267	ng		96
82) Chrysene	13.90	228	908588	37.158	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	663979	38.821	ng		99
84) Di-n-octyl phthalate	14.46	149	1043706	36.774	ng		100
85) Indeno(1,2,3-cd)pyrene	16.67	276	640659	35.998	ng		100
87) Benzo(b)fluoranthene	14.89	252	802206	41.180	ng		99
88) Benzo(k)fluoranthene	14.92	252	735907	39.160	ng		98
89) Benzo(a)pyrene	15.23	252	697247	39.775	ng		98
90) Dibenzo(a,h)anthracene	16.68	278	521732	37.296	ng		98
91) Benzo(g,h,i)perylene	17.08	276	519813	36.888	ng		98

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

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