Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
Data File : BF102845.D
Acq On : 8 Feb 2018 10:16
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 08 15:36:05 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 05 12:44:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	172532	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	742944	20.00	ng		0.00
38) Acenaphthene-d10	9.93	164	337855	20.00	ng		0.00
63) Phenanthrene-d10	11.41	188	591175	20.00	ng		0.00
75) Chrysene-d12	14.06	240	431646	20.00	ng		0.00
86) Perylene-d12	15.53	264	355182	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	911536	80.24	ng		0.00
7) Phenol-d6	6.51	99	1087368	79.49	ng		0.00
23) Nitrobenzene-d5	7.45	82	1003279	93.68	ng		0.00
41) 2,4,6-Tribromophenol	10.72	330	236907	87.12	ng		0.00
44) 2-Fluorobiphenyl	9.25	172	1523928	74.85	ng		0.00
78) Terphenyl-d14	13.00	244	1327409	72.81	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	240981	42.945	ng		89
3) Pyridine	3.42	79	688398	44.404	ng		91
4) n-Nitrosodimethylamine	3.38	42	297274	44.816	ng	#	91
6) Aniline	6.55	93	807692	39.983	ng		96
8) 2-Chlorophenol	6.67	128	462898	39.577	ng		95
9) Benzaldehyde	6.43	77	389424	38.335	ng		99
10) Phenol	6.52	94	590878	40.306	ng		97
11) bis(2-Chloroethyl)ether	6.62	93	483949	39.673	ng		94
12) 1,3-Dichlorobenzene	6.83	146	524329	38.713	ng		100
13) 1,4-Dichlorobenzene	6.90	146	521337	38.641	ng		99
14) 1,2-Dichlorobenzene	7.06	146	488456	38.869	ng		100
15) Benzyl Alcohol	7.02	79	431541	41.033	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	846603	36.535	ng		99
17) 2-Methylphenol	7.13	107	429938	39.852	ng		98
18) Hexachloroethane	7.40	117	195172	42.185	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	342874	38.017	ng		94
20) 3+4-Methylphenols	7.29	107	516629	38.832	ng	#	84
22) Acetophenone	7.29	105	669610	36.831	ng	#	92
24) Nitrobenzene	7.47	77	545699	43.315	ng		99
25) Isophorone	7.70	82	953628	38.670	ng		98
26) 2-Nitrophenol	7.78	139	265817	50.754	ng		93
27) 2,4-Dimethylphenol	7.82	122	381254	36.593	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	566164	38.755	ng		99
29) 2,4-Dichlorophenol	8.02	162	377624	39.870	ng		99
30) 1,2,4-Trichlorobenzene	8.11	180	407299	38.013	ng		97
31) Naphthalene	8.19	128	1361384	37.505	ng		100
32) Benzoic acid	7.93	122	211088	33.514	ng		95
33) 4-Chloroaniline	8.24	127	601858	38.489	ng		99
34) Hexachlorobutadiene	8.30	225	208154	37.912	ng		98
35) Caprolactam	8.61	113	134689	40.948	ng	#	77
36) 4-Chloro-3-methylphenol	8.71	107	420955	39.557	ng		99
37) 2-Methylnaphthalene	8.88	142	865289	36.410	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	342787	37.263	ng		98
40) Hexachlorocyclopentadiene	9.03	237	171129	39.132	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	244048	40.390	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	274156	40.256	ng		96
45) 1,1'-Biphenyl	9.35	154	1043236	36.661	ng		99
46) 2-Chloronaphthalene	9.37	162	842213	37.594	ng		100
47) 2-Nitroaniline	9.46	65	313290	45.513	ng		86
48) Acenaphthylene	9.79	152	1305448	37.518	ng		100
49) Dimethylphthalate	9.65	163	993060	37.697	ng		100
50) 2,6-Dinitrotoluene	9.71	165	222030	44.301	ng		92
51) Acenaphthene	9.96	154	813637	39.100	ng		99
52) 3-Nitroaniline	9.88	138	276877	44.898	ng		93
53) 2,4-Dinitrophenol	9.98	184	70412	54.503	ng	#	19
54) Dibenzofuran	10.13	168	1128271	38.474	ng		99
55) 4-Nitrophenol	10.03	139	200648	41.625	ng		92
56) 2,4-Dinitrotoluene	10.11	165	303478	45.332	ng		93
57) Fluorene	10.47	166	854988	40.072	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.25	232	199327	42.230	ng		94
59) Diethylphthalate	10.34	149	1004441	38.615	ng		100
60) 4-Chlorophenyl-phenylether	10.46	204	377651	40.011	ng		100
61) 4-Nitroaniline	10.49	138	275970	47.014	ng		98
62) Azobenzene	10.63	77	1019373	39.228	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	134253	52.739	ng		92
65) n-Nitrosodiphenylamine	10.59	169	788415	37.809	ng		100
66) 4-Bromophenyl-phenylether	10.96	248	237047	37.906	ng		90
67) Hexachlorobenzene	11.02	284	260855	37.812	ng		96
68) Atrazine	11.11	200	236215	38.398	ng		99
69) Pentachlorophenol	11.22	266	151000	37.286	ng		98
70) Phenanthrene	11.44	178	1205319	36.608	ng		99
71) Anthracene	11.49	178	1244072	37.150	ng		99
72) Carbazole	11.65	167	1221060	37.219	ng		100
73) Di-n-butylphthalate	11.97	149	1527015	38.317	ng		100
74) Fluoranthene	12.63	202	1222830	36.915	ng		99
76) Benzidine	12.75	184	900260	45.379	ng		99
77) Pyrene	12.86	202	1282972	37.904	ng		99
79) Butylbenzylphthalate	13.47	149	682357	42.270	ng		97
80) Benzo(a)anthracene	14.04	228	1069398	39.394	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	395052	39.249	ng		100
82) Chrysene	14.08	228	1023661	37.408	ng		98
83) Bis(2-ethylhexyl)phthalate	14.02	149	920687	44.403	ng	#	99
84) Di-n-octyl phthalate	14.63	149	1350896	43.390	ng		96
85) Indeno(1,2,3-cd)pyrene	17.04	276	746811	32.905	ng		98
87) Benzo(b)fluoranthene	15.10	252	943927	40.991	ng		98
88) Benzo(k)fluoranthene	15.13	252	824112	37.455	ng		99
89) Benzo(a)pyrene	15.47	252	795016	38.355	ng		99
90) Dibenzo(a,h)anthracene	17.05	278	614182	36.506	ng		98
91) Benzo(g,h,i)perylene	17.49	276	611157	37.113	ng		98

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

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