Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032318\
Data File : BF103866.D
Acq On : 23 Mar 2018 8:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 23 13:26:22 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 23 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	150249	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	610826	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	285185	20.00	ng		0.00
63) Phenanthrene-d10	11.51	188	516365	20.00	ng		0.00
75) Chrysene-d12	14.17	240	379313	20.00	ng		0.00
86) Perylene-d12	15.71	264	325254	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	739911	74.90	ng		0.00
7) Phenol-d6	6.60	99	909017	75.22	ng		0.00
23) Nitrobenzene-d5	7.54	82	808600	92.32	ng		0.00
41) 2,4,6-Tribromophenol	10.81	330	239442	97.65	ng		0.00
44) 2-Fluorobiphenyl	9.33	172	1368938	76.57	ng		0.00
78) Terphenyl-d14	13.10	244	1333663	81.61	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	181340	37.281	ng		90
3) Pyridine	3.62	79	497165	37.160	ng		85
4) n-Nitrosodimethylamine	3.58	42	163026	33.048	ng		80
6) Aniline	6.64	93	636929	36.908	ng		98
8) 2-Chlorophenol	6.76	128	404314	39.071	ng		93
9) Benzaldehyde	6.53	77	272429	34.312	ng		98
10) Phenol	6.61	94	479541	37.341	ng		96
11) bis(2-Chloroethyl)ether	6.71	93	394948	37.254	ng		93
12) 1,3-Dichlorobenzene	6.92	146	454449	38.559	ng		99
13) 1,4-Dichlorobenzene	6.99	146	452952	38.246	ng		100
14) 1,2-Dichlorobenzene	7.15	146	424725	38.647	ng		99
15) Benzyl Alcohol	7.11	79	350356	37.416	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.25	45	520464	34.517	ng		93
17) 2-Methylphenol	7.22	107	350587	38.044	ng		99
18) Hexachloroethane	7.49	117	163344	39.210	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	273205	35.274	ng		91
20) 3+4-Methylphenols	7.37	107	445109	38.060	ng	#	87
22) Acetophenone	7.39	105	565748	36.038	ng	#	93
24) Nitrobenzene	7.56	77	428736	41.693	ng		99
25) Isophorone	7.79	82	731101	36.056	ng		99
26) 2-Nitrophenol	7.87	139	224440	55.523	ng	#	89
27) 2,4-Dimethylphenol	7.90	122	338606	38.980	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	462711	37.685	ng		99
29) 2,4-Dichlorophenol	8.11	162	324283	41.033	ng		97
30) 1,2,4-Trichlorobenzene	8.20	180	362200	39.515	ng		98
31) Naphthalene	8.28	128	1164040	37.725	ng		99
32) Benzoic acid	8.02	122	281327	46.333	ng		96
33) 4-Chloroaniline	8.33	127	512605	39.599	ng		96
34) Hexachlorobutadiene	8.39	225	198674	39.532	ng		98
35) Caprolactam	8.70	113	113808	41.821	ng	#	83
36) 4-Chloro-3-methylphenol	8.80	107	346040	39.718	ng		99
37) 2-Methylnaphthalene	8.97	142	761186	38.901	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	335774	41.270	ng		99
40) Hexachlorocyclopentadiene	9.12	237	163439	38.931	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	227504	43.717	ng		100
43) 2,4,5-Trichlorophenol	9.29	196	259823	44.235	ng		97
45) 1,1'-Biphenyl	9.43	154	926927	38.979	ng		100
46) 2-Chloronaphthalene	9.46	162	736428	38.990	ng		99
47) 2-Nitroaniline	9.56	65	223811	45.680	ng		99
48) Acenaphthylene	9.88	152	1139997	38.922	ng		100
49) Dimethylphthalate	9.73	163	878849	40.392	ng		99
50) 2,6-Dinitrotoluene	9.80	165	196480	46.790	ng		95
51) Acenaphthene	10.06	154	708944	40.765	ng		99
52) 3-Nitroaniline	9.97	138	229197	45.639	ng		98
53) 2,4-Dinitrophenol	10.07	184	77337	67.551	ng	#	20
54) Dibenzofuran	10.23	168	966769	38.923	ng		99
55) 4-Nitrophenol	10.12	139	169350	44.841	ng		88
56) 2,4-Dinitrotoluene	10.20	165	259329	48.551	ng		93
57) Fluorene	10.57	166	765759	39.731	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.34	232	190376	45.742	ng		94
59) Diethylphthalate	10.43	149	833322	38.588	ng		97
60) 4-Chlorophenyl-phenylether	10.56	204	354728	40.272	ng		97
61) 4-Nitroaniline	10.59	138	226457	46.750	ng		94
62) Azobenzene	10.72	77	780823	35.564	ng		96
64) 4,6-Dinitro-2-methylphenol	10.62	198	127409	59.973	ng		83
65) n-Nitrosodiphenylamine	10.67	169	687166	39.097	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	217357	40.998	ng	#	88
67) Hexachlorobenzene	11.12	284	247188	40.850	ng	#	87
68) Atrazine	11.20	200	226136	41.592	ng		99
69) Pentachlorophenol	11.31	266	152027	43.701	ng		97
70) Phenanthrene	11.54	178	1078024	38.165	ng		99
71) Anthracene	11.59	178	1104756	38.508	ng		100
72) Carbazole	11.75	167	1061711	38.076	ng		99
73) Di-n-butylphthalate	12.06	149	1296351	38.746	ng		99
74) Fluoranthene	12.73	202	1100671	37.823	ng		98
76) Benzidine	12.85	184	752278	46.500	ng		99
77) Pyrene	12.96	202	1133233	40.681	ng		100
79) Butylbenzylphthalate	13.57	149	538203	43.608	ng		97
80) Benzo(a)anthracene	14.16	228	942620	39.259	ng		99
81) 3,3'-Dichlorobenzidine	14.12	252	332498	41.400	ng		96
82) Chrysene	14.20	228	906554	39.608	ng		99
83) Bis(2-ethylhexyl)phthalate	14.12	149	693067	39.309	ng		100
84) Di-n-octyl phthalate	14.75	149	1084261	42.270	ng	#	95
85) Indeno(1,2,3-cd)pyrene	17.30	276	740193	37.032	ng		98
87) Benzo(b)fluoranthene	15.25	252	794734	38.676	ng		99
88) Benzo(k)fluoranthene	15.28	252	797589	40.378	ng		99
89) Benzo(a)pyrene	15.64	252	728179	39.070	ng		98
90) Dibenzo(a,h)anthracene	17.32	278	624516	38.697	ng		98
91) Benzo(g,h,i)perylene	17.78	276	612596	39.018	ng		97

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

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