Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
Data File : BF102753.D
Acq On : 5 Feb 2018 23:03
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Feb 06 00:44:31 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	6.88	152	189698	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	781454	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	340491	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	518776	20.00	ng		0.00
75) Chrysene-d12	14.04	240	315952	20.00	ng		0.00
86) Perylene-d12	15.52	264	297731	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	946683	75.79	ng		0.00
7) Phenol-d6	6.50	99	1110096	73.81	ng		0.00
23) Nitrobenzene-d5	7.45	82	971279	86.22	ng		0.00
41) 2,4,6-Tribromophenol	10.71	330	215852	78.76	ng		0.00
44) 2-Fluorobiphenyl	9.24	172	1615648	78.74	ng		0.00
78) Terphenyl-d14	12.99	244	1047795	78.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	230966	37.436	ng	#	83
3) Pyridine	3.43	79	665630	39.050	ng	#	85
4) n-Nitrosodimethylamine	3.38	42	266536	36.546	ng		96
6) Aniline	6.55	93	817294	36.797	ng		96
8) 2-Chlorophenol	6.67	128	496595	38.616	ng		99
9) Benzaldehyde	6.43	77	406844	36.425	ng		97
10) Phenol	6.52	94	602012	37.350	ng		98
11) bis(2-Chloroethyl)ether	6.62	93	492258	36.702	ng		89
12) 1,3-Dichlorobenzene	6.82	146	561219	37.687	ng		97
13) 1,4-Dichlorobenzene	6.90	146	561004	37.818	ng		99
14) 1,2-Dichlorobenzene	7.06	146	517061	37.422	ng		96
15) Benzyl Alcohol	7.02	79	435519	37.664	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	914164	35.880	ng		96
17) 2-Methylphenol	7.13	107	442203	37.279	ng		99
18) Hexachloroethane	7.40	117	171805	33.774	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	352990	35.597	ng		95
20) 3+4-Methylphenols	7.28	107	542059	37.057	ng		95
22) Acetophenone	7.29	105	686672	35.908	ng	#	96
24) Nitrobenzene	7.47	77	540660	40.796	ng		95
25) Isophorone	7.70	82	933858	36.002	ng		100
26) 2-Nitrophenol	7.78	139	248542	46.079	ng		99
27) 2,4-Dimethylphenol	7.81	122	419527	38.282	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	563284	36.658	ng		100
29) 2,4-Dichlorophenol	8.02	162	393732	39.522	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	427670	37.947	ng		99
31) Naphthalene	8.19	128	1416313	37.096	ng		99
32) Benzoic acid	7.92	122	347477	45.761	ng		98
33) 4-Chloroaniline	8.23	127	613484	37.299	ng		98
34) Hexachlorobutadiene	8.30	225	218186	37.781	ng		99
35) Caprolactam	8.61	113	133029	38.450	ng	#	75
36) 4-Chloro-3-methylphenol	8.71	107	428043	38.241	ng		97
37) 2-Methylnaphthalene	8.88	142	914699	36.592	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	371817	40.105	ng		98
40) Hexachlorocyclopentadiene	9.03	237	48887	11.092	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	256980	42.201 ng		98
43) 2,4,5-Trichlorophenol	9.19	196	283062	41.242 ng		96
45) 1,1'-Biphenyl	9.35	154	1087134	37.907 ng		99
46) 2-Chloronaphthalene	9.37	162	862425	38.198 ng		99
47) 2-Nitroaniline	9.46	65	309070	44.625 ng		96
48) Acenaphthylene	9.79	152	1315204	37.505 ng		99
49) Dimethylphthalate	9.64	163	1036501	39.041 ng		99
50) 2,6-Dinitrotoluene	9.70	165	217600	43.081 ng		96
51) Acenaphthene	9.96	154	764567	36.458 ng		99
52) 3-Nitroaniline	9.87	138	272501	43.846 ng		94
53) 2,4-Dinitrophenol	9.97	184	13157	20.556 ng	#	82
54) Dibenzofuran	10.13	168	1098529	37.170 ng		98
55) 4-Nitrophenol	10.02	139	170266	35.685 ng		93
56) 2,4-Dinitrotoluene	10.10	165	275348	41.118 ng		97
57) Fluorene	10.47	166	802643	37.327 ng		100
58) 2,3,4,6-Tetrachlorophenol	10.24	232	184225	38.728 ng		99
59) Diethylphthalate	10.34	149	1007885	38.448 ng		99
60) 4-Chlorophenyl-phenylether	10.46	204	371428	39.047 ng		97
61) 4-Nitroaniline	10.49	138	243837	41.219 ng		90
62) Azobenzene	10.62	77	938315	35.829 ng		96
64) 4,6-Dinitro-2-methylphenol	10.51	198	31788	21.856 ng		95
65) n-Nitrosodiphenylamine	10.58	169	772104	42.194 ng		99
66) 4-Bromophenyl-phenylether	10.95	248	234120	42.663 ng		92
67) Hexachlorobenzene	11.02	284	239222	39.515 ng		97
68) Atrazine	11.10	200	224491	41.585 ng		98
69) Pentachlorophenol	11.20	266	130227	36.645 ng		99
70) Phenanthrene	11.43	178	1089252	37.700 ng		99
71) Anthracene	11.49	178	1094941	37.260 ng		99
72) Carbazole	11.64	167	1030075	35.780 ng		100
73) Di-n-butylphthalate	11.96	149	1460109	41.751 ng		99
74) Fluoranthene	12.62	202	922368	31.730 ng		98
76) Benzidine	12.74	184	484268	33.349 ng		98
77) Pyrene	12.85	202	930098	37.541 ng		100
79) Butylbenzylphthalate	13.46	149	506983	42.891 ng		99
80) Benzo(a)anthracene	14.03	228	757985	38.146 ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	306957	41.664 ng		98
82) Chrysene	14.07	228	754207	37.653 ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	712891	46.971 ng		99
84) Di-n-octyl phthalate	14.63	149	1085121	47.616 ng		98
85) Indeno(1,2,3-cd)pyrene	17.01	276	615443	37.046 ng		99
87) Benzo(b)fluoranthene	15.09	252	760239	39.385 ng		97
88) Benzo(k)fluoranthene	15.12	252	683598	37.064 ng		98
89) Benzo(a)pyrene	15.46	252	661421	38.067 ng		97
90) Dibenzo(a,h)anthracene	17.03	278	522590	37.056 ng		98
91) Benzo(g,h,i)perylene	17.46	276	482473	34.952 ng		97

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

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