Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105332.D
Acq On : 12 May 2018 12:49
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: May 14 06:45:20 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF051018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 11 17:15:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	160414	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	699803	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	316018	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	602735	20.00	ng		0.00
75) Chrysene-d12	14.02	240	505646	20.00	ng		0.00
86) Perylene-d12	15.56	264	541272	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	802108	75.20	ng		0.00
7) Phenol-d6	6.43	99	998679	78.80	ng		0.00
23) Nitrobenzene-d5	7.36	82	923660	76.82	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	313954	76.90	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1566050	71.42	ng		0.00
78) Terphenyl-d14	12.90	244	1503525	63.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	189949	39.311	ng		88
3) Pyridine	3.23	79	508950	40.590	ng		89
4) n-Nitrosodimethylamine	3.19	42	214746	34.986	ng		90
6) Aniline	6.46	93	667978	40.647	ng		90
8) 2-Chlorophenol	6.57	128	450694	39.785	ng		94
9) Benzaldehyde	6.35	77	334785	38.856	ng		97
10) Phenol	6.44	94	561638	38.844	ng		87
11) bis(2-Chloroethyl)ether	6.53	93	453949	42.721	ng		95
12) 1,3-Dichlorobenzene	6.73	146	491829	39.439	ng		97
13) 1,4-Dichlorobenzene	6.81	146	515794	40.504	ng		99
14) 1,2-Dichlorobenzene	6.96	146	457147	38.954	ng		98
15) Benzyl Alcohol	6.93	79	370670	37.697	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.07	45	757690	40.587	ng		97
17) 2-Methylphenol	7.05	107	378189	39.546	ng		97
18) Hexachloroethane	7.30	117	178960	38.895	ng		95
19) n-Nitroso-di-n-propylamine	7.21	70	307738	38.416	ng		95
20) 3+4-Methylphenols	7.20	107	440795	38.716	ng	#	58
22) Acetophenone	7.20	105	595832	37.060	ng	#	87
24) Nitrobenzene	7.38	77	498039	39.340	ng		97
25) Isophorone	7.62	82	877257	38.548	ng		99
26) 2-Nitrophenol	7.69	139	251765	39.414	ng		98
27) 2,4-Dimethylphenol	7.73	122	400125	38.134	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	547537	39.226	ng		100
29) 2,4-Dichlorophenol	7.93	162	379536	38.601	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	394248	37.909	ng		99
31) Naphthalene	8.10	128	1285664	37.730	ng		100
32) Benzoic acid	7.85	122	281845	36.159	ng		98
33) 4-Chloroaniline	8.15	127	558178	39.455	ng		98
34) Hexachlorobutadiene	8.21	225	204532	36.507	ng		99
35) Caprolactam	8.53	113	121703	40.051	ng	#	84
36) 4-Chloro-3-methylphenol	8.63	107	408899	38.634	ng		99
37) 2-Methylnaphthalene	8.79	142	858966	37.482	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	360269	37.788	ng		99
40) Hexachlorocyclopentadiene	8.93	237	240861	37.330	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	242106	37.345	ng		95
43) 2,4,5-Trichlorophenol	9.10	196	269359	38.450	ng		94
45) 1,1'-Biphenyl	9.25	154	1041520	37.032	ng		99
46) 2-Chloronaphthalene	9.27	162	792097	37.602	ng		99
47) 2-Nitroaniline	9.37	65	281697	39.802	ng		91
48) Acenaphthylene	9.69	152	1216950	37.692	ng		99
49) Dimethylphthalate	9.55	163	926387	38.185	ng		99
50) 2,6-Dinitrotoluene	9.62	165	208770	39.086	ng		94
51) Acenaphthene	9.86	154	731988	34.246	ng		98
52) 3-Nitroaniline	9.79	138	244733	39.766	ng		100
53) 2,4-Dinitrophenol	9.89	184	121218	38.617	ng	#	24
54) Dibenzofuran	10.03	168	1074424	37.420	ng		97
55) 4-Nitrophenol	9.95	139	189062	37.558	ng		98
56) 2,4-Dinitrotoluene	10.02	165	268946	38.705	ng		95
57) Fluorene	10.37	166	796874	36.676	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.15	232	222026	38.360	ng		96
59) Diethylphthalate	10.25	149	898909	37.141	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	370598	36.828	ng		99
61) 4-Nitroaniline	10.40	138	257645	41.872	ng		99
62) Azobenzene	10.53	77	897497	37.890	ng		97
64) 4,6-Dinitro-2-methylphenol	10.43	198	146659	40.580	ng		92
65) n-Nitrosodiphenylamine	10.49	169	745459	36.883	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	245191	36.569	ng		97
67) Hexachlorobenzene	10.92	284	287968	37.576	ng	#	87
68) Atrazine	11.02	200	241126	37.533	ng		96
69) Pentachlorophenol	11.12	266	171956	37.189	ng		98
70) Phenanthrene	11.34	178	1227798	36.146	ng		99
71) Anthracene	11.39	178	1314315	37.380	ng		100
72) Carbazole	11.55	167	1190597	38.687	ng		100
73) Di-n-butylphthalate	11.87	149	1408348	37.061	ng		99
74) Fluoranthene	12.53	202	1281580	37.954	ng		99
76) Benzidine	12.66	184	788052	38.746	ng		98
77) Pyrene	12.76	202	1309055	33.548	ng		99
79) Butylbenzylphthalate	13.40	149	615031	35.780	ng		98
80) Benzo(a)anthracene	14.00	228	1082081	36.652	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	447824	39.418	ng	#	97
82) Chrysene	14.04	228	1105280	37.995	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	767659	36.881	ng		98
84) Di-n-octyl phthalate	14.68	149	1465594	42.869	ng		97
85) Indeno(1,2,3-cd)pyrene	17.02	276	1194512	45.100	ng		96
87) Benzo(b)fluoranthene	15.14	252	1132165	35.091	ng		98
88) Benzo(k)fluoranthene	15.17	252	1140410	36.552	ng		99
89) Benzo(a)pyrene	15.50	252	1120626	37.302	ng		99
90) Dibenzo(a,h)anthracene	17.04	278	1039643	36.904	ng		97
91) Benzo(g,h,i)perylene	17.46	276	977124	36.087	ng		96

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

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