Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051218\
Data File : BF105330.D
Acq On : 12 May 2018 11:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: May 14 06:44:18 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	171104	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	726504	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	324717	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	593372	20.00	ng		0.00
75) Chrysene-d12	14.00	240	496787	20.00	ng		-0.02
86) Perylene-d12	15.53	264	503047	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	847880	74.53	ng		0.00
7) Phenol-d6	6.43	99	1030850	76.26	ng		0.00
23) Nitrobenzene-d5	7.36	82	959454	76.86	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	318670	75.96	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1601820	71.10	ng		0.00
78) Terphenyl-d14	12.90	244	1509077	65.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	199663	38.739	ng		90
3) Pyridine	3.24	79	520121	38.889	ng		89
4) n-Nitrosodimethylamine	3.21	42	229193	35.006	ng		92
6) Aniline	6.46	93	684549	39.053	ng	#	89
8) 2-Chlorophenol	6.57	128	470177	38.912	ng		94
9) Benzaldehyde	6.35	77	343315	37.357	ng		99
10) Phenol	6.44	94	582504	37.770	ng		86
11) bis(2-Chloroethyl)ether	6.53	93	469702	41.442	ng		95
12) 1,3-Dichlorobenzene	6.73	146	509515	38.304	ng		99
13) 1,4-Dichlorobenzene	6.81	146	529868	39.010	ng		98
14) 1,2-Dichlorobenzene	6.96	146	475486	37.985	ng		99
15) Benzyl Alcohol	6.93	79	376658	35.912	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	779108	39.127	ng		97
17) 2-Methylphenol	7.05	107	388767	38.112	ng		97
18) Hexachloroethane	7.30	117	187650	38.236	ng		96
19) n-Nitroso-di-n-propylamine	7.21	70	322260	37.716	ng		96
20) 3+4-Methylphenols	7.20	107	446712	36.784	ng	#	61
22) Acetophenone	7.20	105	620472	37.174	ng	#	86
24) Nitrobenzene	7.38	77	502919	38.265	ng		98
25) Isophorone	7.62	82	900764	38.126	ng		98
26) 2-Nitrophenol	7.69	139	260981	39.355	ng		99
27) 2,4-Dimethylphenol	7.73	122	411528	37.779	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	564221	38.935	ng		99
29) 2,4-Dichlorophenol	7.93	162	390440	38.250	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	406381	37.640	ng		99
31) Naphthalene	8.10	128	1320673	37.333	ng		100
32) Benzoic acid	7.85	122	289243	35.744	ng		96
33) 4-Chloroaniline	8.15	127	569418	38.770	ng		97
34) Hexachlorobutadiene	8.21	225	212322	36.505	ng		99
35) Caprolactam	8.53	113	121999	38.673	ng	#	85
36) 4-Chloro-3-methylphenol	8.63	107	424585	38.641	ng		99
37) 2-Methylnaphthalene	8.79	142	898357	37.760	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	368406	37.606	ng		99
40) Hexachlorocyclopentadiene	8.93	237	249703	37.664	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	245786	36.897	ng		94
43) 2,4,5-Trichlorophenol	9.10	196	270948	37.640	ng		94
45) 1,1'-Biphenyl	9.25	154	1073417	37.144	ng		99
46) 2-Chloronaphthalene	9.27	162	813043	37.563	ng		99
47) 2-Nitroaniline	9.37	65	285373	39.241	ng		89
48) Acenaphthylene	9.69	152	1243068	37.469	ng		99
49) Dimethylphthalate	9.55	163	941661	37.775	ng		99
50) 2,6-Dinitrotoluene	9.62	165	211637	38.562	ng		90
51) Acenaphthene	9.86	154	755473	34.398	ng		99
52) 3-Nitroaniline	9.79	138	244287	38.630	ng		97
53) 2,4-Dinitrophenol	9.89	184	125649	38.956	ng	#	25
54) Dibenzofuran	10.03	168	1082541	36.693	ng		96
55) 4-Nitrophenol	9.95	139	190250	36.782	ng		98
56) 2,4-Dinitrotoluene	10.02	165	271337	38.003	ng	#	96
57) Fluorene	10.38	166	827579	37.068	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.15	232	224659	37.775	ng		98
59) Diethylphthalate	10.25	149	917638	36.899	ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	376302	36.393	ng		100
61) 4-Nitroaniline	10.40	138	255268	40.374	ng		99
62) Azobenzene	10.53	77	928972	38.168	ng		96
64) 4,6-Dinitro-2-methylphenol	10.43	198	146200	41.092	ng		92
65) n-Nitrosodiphenylamine	10.49	169	752633	37.826	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	249191	37.752	ng		98
67) Hexachlorobenzene	10.92	284	290678	38.528	ng	#	89
68) Atrazine	11.02	200	243316	38.472	ng		98
69) Pentachlorophenol	11.12	266	171908	37.765	ng		97
70) Phenanthrene	11.34	178	1234055	36.903	ng		99
71) Anthracene	11.39	178	1319332	38.115	ng		100
72) Carbazole	11.55	167	1187679	39.201	ng		99
73) Di-n-butylphthalate	11.87	149	1420661	37.974	ng		99
74) Fluoranthene	12.53	202	1284971	38.655	ng		99
76) Benzidine	12.66	184	765062	38.287	ng		96
77) Pyrene	12.76	202	1315970	34.326	ng		99
79) Butylbenzylphthalate	13.39	149	621508	36.801	ng		96
80) Benzo(a)anthracene	13.99	228	1076628	37.118	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	429847	38.510	ng		97
82) Chrysene	14.03	228	1090000	38.138	ng		100
83) Bis(2-ethylhexyl)phthalate	13.97	149	786473	38.459	ng		97
84) Di-n-octyl phthalate	14.66	149	1436497	42.767	ng		97
85) Indeno(1,2,3-cd)pyrene	16.98	276	1061657	40.798	ng		96
87) Benzo(b)fluoranthene	15.10	252	1191324	39.731	ng		98
88) Benzo(k)fluoranthene	15.13	252	1009129	34.802	ng		99
89) Benzo(a)pyrene	15.47	252	1068329	38.263	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	937966	35.825	ng		96
91) Benzo(g,h,i)perylene	17.42	276	857509	34.076	ng		95

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

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