Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF091117\
Data File : BF098438.D
Acq On : 12 Sep 2017 8:23
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 12 11:37:02 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:14:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	209039	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	832019	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	333815	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	473593	20.00	ng		0.00
75) Chrysene-d12	13.82	240	329245	20.00	ng		0.00
86) Perylene-d12	15.22	264	342257	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1102380	77.97	ng		0.00
7) Phenol-d6	6.32	99	1321657	73.63	ng		0.00
23) Nitrobenzene-d5	7.25	82	1152885	77.25	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	169765	76.20	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	1722071	87.44	ng		0.00
78) Terphenyl-d14	12.76	244	1133606	74.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	270500	37.068	ng		87
3) Pyridine	2.98	79	724583	37.390	ng	#	84
4) n-Nitrosodimethylamine	2.95	42	338682	35.648	ng		98
6) Aniline	6.33	93	803934	35.698	ng	#	36
8) 2-Chlorophenol	6.46	128	601463	38.687	ng		91
9) Benzaldehyde	6.22	77	444078	37.843	ng		95
10) Phenol	6.34	94	770517	36.954	ng	#	72
11) bis(2-Chloroethyl)ether	6.41	93	597947	38.036	ng		92
12) 1,3-Dichlorobenzene	6.61	146	611184	39.058	ng		97
13) 1,4-Dichlorobenzene	6.69	146	615801	38.419	ng		94
14) 1,2-Dichlorobenzene	6.84	146	562113	38.493	ng		99
15) Benzyl Alcohol	6.82	79	435097	36.419	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.96	45	943951	36.494	ng		86
17) 2-Methylphenol	6.95	107	470856	37.141	ng	#	89
18) Hexachloroethane	7.17	117	183917	29.962	ng	#	82
19) n-Nitroso-di-n-propylamine	7.09	70	415836	36.828	ng		98
20) 3+4-Methylphenols	7.10	107	600806	37.554	ng	#	72
22) Acetophenone	7.09	105	850864	39.568	ng	#	92
24) Nitrobenzene	7.26	77	655052	38.533	ng		97
25) Isophorone	7.50	82	1150559	38.104	ng		98
26) 2-Nitrophenol	7.57	139	286595	41.755	ng	#	82
27) 2,4-Dimethylphenol	7.62	122	508245	38.844	ng		95
28) bis(2-Chloroethoxy)methane	7.71	93	722826	39.231	ng		99
29) 2,4-Dichlorophenol	7.82	162	449849	41.339	ng		94
30) 1,2,4-Trichlorobenzene	7.90	180	480078	40.556	ng		99
31) Naphthalene	7.97	128	1565858	38.070	ng		99
32) Benzoic acid	7.77	122	317446	38.131	ng		99
33) 4-Chloroaniline	8.03	127	646988	38.704	ng		99
34) Hexachlorobutadiene	8.09	225	252240	41.508	ng		98
35) Caprolactam	8.42	113	142451	37.962	ng	#	68
36) 4-Chloro-3-methylphenol	8.53	107	502346	37.223	ng		86
37) 2-Methylnaphthalene	8.67	142	955395	38.347	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	453536	43.617	ng		99
40) Hexachlorocyclopentadiene	8.82	237	9670	12.616	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	275653	45.133	ng		96
43) 2,4,5-Trichlorophenol	9.00	196	268594	42.074	ng		94
45) 1,1'-Biphenyl	9.13	154	1252629	41.924	ng		98
46) 2-Chloronaphthalene	9.16	162	879101	41.198	ng		95
47) 2-Nitroaniline	9.26	65	329412	40.221	ng		91
48) Acenaphthylene	9.57	152	1254402	39.537	ng		99
49) Dimethylphthalate	9.43	163	1058988	40.982	ng		100
50) 2,6-Dinitrotoluene	9.50	165	221036	41.643	ng	#	67
51) Acenaphthene	9.74	154	782318	38.791	ng		98
52) 3-Nitroaniline	9.67	138	245032	38.243	ng		95
53) 2,4-Dinitrophenol	9.79	184	10532	12.275	ng	#	75
54) Dibenzofuran	9.91	168	1013736	38.155	ng		99
55) 4-Nitrophenol	9.85	139	124079	33.707	ng	#	55
56) 2,4-Dinitrotoluene	9.90	165	241363	37.403	ng	#	53
57) Fluorene	10.25	166	797093	36.246	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.03	232	156693	36.523	ng		99
59) Diethylphthalate	10.13	149	973618	39.619	ng		99
60) 4-Chlorophenyl-phenylether	10.25	204	394090	38.798	ng		88
61) 4-Nitroaniline	10.28	138	223529	34.545	ng		85
62) Azobenzene	10.40	77	911193	34.403	ng		96
64) 4,6-Dinitro-2-methylphenol	10.32	198	29605	14.102	ng		84
65) n-Nitrosodiphenylamine	10.36	169	732524	47.635	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	214401	47.700	ng		94
67) Hexachlorobenzene	10.80	284	201832	44.269	ng	#	85
68) Atrazine	10.89	200	200799	42.415	ng		97
69) Pentachlorophenol	11.00	266	59239	33.745	ng		91
70) Phenanthrene	11.21	178	1005553	40.051	ng		99
71) Anthracene	11.26	178	1015112	39.381	ng		99
72) Carbazole	11.42	167	902819	37.581	ng		99
73) Di-n-butylphthalate	11.75	149	1259901	43.772	ng		99
74) Fluoranthene	12.39	202	887155	35.298	ng		98
76) Benzidine	12.52	184	499838	34.303	ng		96
77) Pyrene	12.62	202	910980	35.074	ng		99
79) Butylbenzylphthalate	13.24	149	424979	37.716	ng	#	75
80) Benzo(a)anthracene	13.80	228	758739	39.307	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	316266	42.160	ng	#	95
82) Chrysene	13.84	228	776755	39.809	ng		99
83) Bis(2-ethylhexyl)phthalate	13.80	149	544931	38.535	ng		99
84) Di-n-octyl phthalate	14.41	149	1017410	41.933	ng		98
85) Indeno(1,2,3-cd)pyrene	16.57	276	666311	48.673	ng		99
87) Benzo(b)fluoranthene	14.82	252	761499	35.385	ng		97
88) Benzo(k)fluoranthene	14.85	252	810057	40.321	ng		96
89) Benzo(a)pyrene	15.16	252	751513	39.198	ng		98
90) Dibenzo(a,h)anthracene	16.57	278	553075	39.657	ng		97
91) Benzo(g,h,i)perylene	16.96	276	528459	37.673	ng		97

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

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