Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF110917\
Data File : BF100332.D
Acq On : 9 Nov 2017 10:39
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 09 16:04:35 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 09 16:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178088	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	731781	20.00	ng		0.00
38) Acenaphthene-d10	9.94	164	341696	20.00	ng		0.00
63) Phenanthrene-d10	11.43	188	643418	20.00	ng		0.00
75) Chrysene-d12	14.07	240	501765	20.00	ng		0.00
86) Perylene-d12	15.54	264	445596	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	887226	79.86	ng		0.00
7) Phenol-d6	6.52	99	1104950	80.65	ng		0.00
23) Nitrobenzene-d5	7.47	82	1006042	90.89	ng		0.00
41) 2,4,6-Tribromophenol	10.73	330	297249	85.37	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	1760605	78.46	ng		0.00
78) Terphenyl-d14	13.01	244	1712687	78.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.71	88	218100	40.283	ng		97
3) Pyridine	3.49	79	609824	41.285	ng		94
4) n-Nitrosodimethylamine	3.45	42	285343	39.788	ng		98
6) Aniline	6.57	93	781072	40.356	ng		99
8) 2-Chlorophenol	6.69	128	480732	40.903	ng		99
9) Benzaldehyde	6.46	77	389131	39.774	ng		98
10) Phenol	6.54	94	583949	40.603	ng		98
11) bis(2-Chloroethyl)ether	6.64	93	491346	40.674	ng		94
12) 1,3-Dichlorobenzene	6.85	146	543848	40.135	ng		99
13) 1,4-Dichlorobenzene	6.92	146	546325	39.835	ng		97
14) 1,2-Dichlorobenzene	7.07	146	507757	40.043	ng		97
15) Benzyl Alcohol	7.04	79	441794	41.320	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	798563	41.332	ng		97
17) 2-Methylphenol	7.15	107	408338	40.656	ng		99
18) Hexachloroethane	7.42	117	191391	42.325	ng		98
19) n-Nitroso-di-n-propylamine	7.32	70	378343	39.822	ng		93
20) 3+4-Methylphenols	7.30	107	506591	39.859	ng		97
22) Acetophenone	7.32	105	687273	38.515	ng	#	98
24) Nitrobenzene	7.49	77	513440	45.069	ng		99
25) Isophorone	7.73	82	935460	40.218	ng		99
26) 2-Nitrophenol	7.80	139	255532	47.858	ng		98
27) 2,4-Dimethylphenol	7.83	122	435899	41.805	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	617746	40.602	ng		99
29) 2,4-Dichlorophenol	8.03	162	414505	41.642	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	433854	40.294	ng		96
31) Naphthalene	8.21	128	1390748	39.458	ng		100
32) Benzoic acid	7.95	122	366230	46.284	ng		98
33) 4-Chloroaniline	8.25	127	592277	40.370	ng		99
34) Hexachlorobutadiene	8.32	225	261092	40.784	ng		99
35) Caprolactam	8.63	113	133522	39.087	ng		92
36) 4-Chloro-3-methylphenol	8.73	107	431391	40.352	ng		96
37) 2-Methylnaphthalene	8.90	142	918397	39.247	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	465354	41.064	ng		98
40) Hexachlorocyclopentadiene	9.05	237	260261	48.797	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	310720	43.262	ng		99
43) 2,4,5-Trichlorophenol	9.21	196	323472	43.469	ng	#	91
45) 1,1'-Biphenyl	9.36	154	1181180	39.968	ng		100
46) 2-Chloronaphthalene	9.39	162	879317	41.013	ng		98
47) 2-Nitroaniline	9.48	65	288474	45.679	ng		94
48) Acenaphthylene	9.80	152	1426116	40.138	ng		99
49) Dimethylphthalate	9.66	163	1033886	39.629	ng		99
50) 2,6-Dinitrotoluene	9.72	165	227574	44.068	ng		97
51) Acenaphthene	9.97	154	883388	40.881	ng		99
52) 3-Nitroaniline	9.89	138	260311	42.687	ng		98
53) 2,4-Dinitrophenol	9.99	184	102972	54.695	ng	#	17
54) Dibenzofuran	10.15	168	1202843	39.716	ng		99
55) 4-Nitrophenol	10.04	139	216340	43.691	ng		92
56) 2,4-Dinitrotoluene	10.12	165	299522	45.976	ng	#	98
57) Fluorene	10.49	166	882849	39.791	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	256965	42.134	ng		88
59) Diethylphthalate	10.36	149	1034968	39.642	ng		97
60) 4-Chlorophenyl-phenylether	10.48	204	438413	40.280	ng		93
61) 4-Nitroaniline	10.51	138	254531	44.019	ng		92
62) Azobenzene	10.64	77	986043	40.100	ng		95
64) 4,6-Dinitro-2-methylphenol	10.53	198	169917	51.535	ng		75
65) n-Nitrosodiphenylamine	10.60	169	913759	40.843	ng		97
66) 4-Bromophenyl-phenylether	10.97	248	289350	41.951	ng		91
67) Hexachlorobenzene	11.03	284	299306	41.491	ng	#	92
68) Atrazine	11.12	200	280070	41.356	ng		98
69) Pentachlorophenol	11.22	266	229565	44.380	ng		98
70) Phenanthrene	11.45	178	1340432	39.568	ng		99
71) Anthracene	11.50	178	1349761	39.272	ng		99
72) Carbazole	11.66	167	1251959	39.478	ng		99
73) Di-n-butylphthalate	11.99	149	1550269	41.773	ng		99
74) Fluoranthene	12.64	202	1400456	39.007	ng		98
76) Benzidine	12.76	184	656960	32.693	ng		98
77) Pyrene	12.87	202	1435351	40.130	ng		99
79) Butylbenzylphthalate	13.48	149	653721	44.816	ng		98
80) Benzo(a)anthracene	14.06	228	1234394	40.852	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	463114	42.778	ng		99
82) Chrysene	14.09	228	1178855	40.289	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	876043	45.663	ng		99
84) Di-n-octyl phthalate	14.66	149	1465719	44.472	ng		99
85) Indeno(1,2,3-cd)pyrene	17.04	276	911671	38.521	ng		96
87) Benzo(b)fluoranthene	15.11	252	1124889	42.611	ng		100
88) Benzo(k)fluoranthene	15.14	252	993465	39.829	ng		98
89) Benzo(a)pyrene	15.49	252	964107	41.194	ng		100
90) Dibenzo(a,h)anthracene	17.06	278	773348	40.405	ng		97
91) Benzo(g,h,i)perylene	17.49	276	753809	40.234	ng		95

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

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