Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090717\
Data File : BF098337.D
Acq On : 8 Sep 2017 2:42
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Sep 08 04:20:12 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	89708	20.00	ng		-0.01
21) Naphthalene-d8	7.97	136	348140	20.00	ng		-0.01
38) Acenaphthene-d10	9.73	164	145246	20.00	ng		-0.01
63) Phenanthrene-d10	11.21	188	255354	20.00	ng		-0.01
75) Chrysene-d12	13.85	240	206377	20.00	ng		-0.01
86) Perylene-d12	15.25	264	147002	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	467962	79.35	ng		-0.02
7) Phenol-d6	6.34	99	629439	78.55	ng		-0.01
23) Nitrobenzene-d5	7.26	82	566994	88.48	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	101979	80.92	ng		-0.02
44) 2-Fluorobiphenyl	9.05	172	827181	83.67	ng		-0.02
78) Terphenyl-d14	12.80	244	742587	75.03	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	133655	40.636	ng		86
3) Pyridine	2.98	79	338796	37.260	ng	#	84
4) n-Nitrosodimethylamine	2.94	42	112284	32.094	ng	#	63
6) Aniline	6.36	93	409744	36.399	ng	#	82
8) 2-Chlorophenol	6.47	128	254615	40.937	ng		95
9) Benzaldehyde	6.24	77	186202	36.686	ng		91
10) Phenol	6.35	94	354290	37.803	ng		79
11) bis(2-Chloroethyl)ether	6.43	93	284582	40.232	ng		93
12) 1,3-Dichlorobenzene	6.63	146	271625	40.600	ng	#	94
13) 1,4-Dichlorobenzene	6.71	146	280158	41.174	ng		95
14) 1,2-Dichlorobenzene	6.86	146	257546	41.050	ng		99
15) Benzyl Alcohol	6.84	79	207203	34.537	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	350113	36.787	ng		73
17) 2-Methylphenol	6.96	107	219446	40.037	ng		96
18) Hexachloroethane	7.20	117	71904	26.954	ng	#	80
19) n-Nitroso-di-n-propylamine	7.11	70	201719	36.773	ng		90
20) 3+4-Methylphenols	7.12	107	273041	40.785	ng	#	72
22) Acetophenone	7.10	105	368079	40.022	ng	#	85
24) Nitrobenzene	7.28	77	307211	43.054	ng		94
25) Isophorone	7.52	82	534383	40.102	ng		96
26) 2-Nitrophenol	7.59	139	89661	36.142	ng	#	82
27) 2,4-Dimethylphenol	7.64	122	224692	40.430	ng		94
28) bis(2-Chloroethoxy)methane	7.73	93	360189	41.114	ng		98
29) 2,4-Dichlorophenol	7.84	162	190790	41.357	ng		92
30) 1,2,4-Trichlorobenzene	7.92	180	212644	41.580	ng		99
31) Naphthalene	8.00	128	729543	40.365	ng		100
32) Benzoic acid	7.77	122	86566	24.930	ng		88
33) 4-Chloroaniline	8.05	127	306794	40.249	ng		98
34) Hexachlorobutadiene	8.12	225	123863	41.482	ng		98
35) Caprolactam	8.43	113	67692	43.162	ng		100
36) 4-Chloro-3-methylphenol	8.55	107	230919	38.959	ng	#	80
37) 2-Methylnaphthalene	8.69	142	440849	39.785	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	192490	43.183	ng		99
42) 2,4,6-Trichlorophenol	8.97	196	122727	41.009	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.02	196	120035	40.430 ng		97
45) 1,1'-Biphenyl	9.15	154	563058	42.511 ng		95
46) 2-Chloronaphthalene	9.18	162	399020	40.773 ng		94
47) 2-Nitroaniline	9.28	65	163774	49.918 ng		96
48) Acenaphthylene	9.59	152	608900	39.621 ng		99
49) Dimethylphthalate	9.46	163	466441	43.933 ng		98
50) 2,6-Dinitrotoluene	9.52	165	84009	39.641 ng	#	72
51) Acenaphthene	9.76	154	367236	37.889 ng		99
52) 3-Nitroaniline	9.69	138	133939	48.986 ng		93
53) 2,4-Dinitrophenol	9.81	184	439	10.522 ng	#	72
54) Dibenzofuran	9.93	168	501064	38.572 ng		98
55) 4-Nitrophenol	9.86	139	65903	30.215 ng	#	48
56) 2,4-Dinitrotoluene	9.93	165	95201	35.795 ng	#	56
57) Fluorene	10.27	166	402327	40.059 ng		97
58) 2,3,4,6-Tetrachlorophenol	10.06	232	84293	36.671 ng	#	91
59) Diethylphthalate	10.15	149	460384	41.466 ng		100
60) 4-Chlorophenyl-phenylether	10.27	204	197634	42.358 ng	#	86
61) 4-Nitroaniline	10.30	138	133579	51.402 ng		83
62) Azobenzene	10.43	77	477951	36.241 ng		92
64) 4,6-Dinitro-2-methylphenol	10.34	198	2161	9.805 ng		86
65) n-Nitrosodiphenylamine	10.39	169	372880	42.882 ng		99
66) 4-Bromophenyl-phenylether	10.76	248	115527	43.567 ng		96
67) Hexachlorobenzene	10.83	284	116263	43.016 ng		99
68) Atrazine	10.92	200	74073	32.121 ng		96
69) Pentachlorophenol	11.02	266	50377	31.968 ng		99
70) Phenanthrene	11.23	178	539933	39.680 ng		100
71) Anthracene	11.29	178	548903	39.772 ng		99
72) Carbazole	11.45	167	529675	40.432 ng		98
73) Di-n-butylphthalate	11.77	149	707459	46.884 ng		99
74) Fluoranthene	12.42	202	584058	41.123 ng		99
76) Benzidine	12.55	184	339435	50.163 ng	#	93
77) Pyrene	12.65	202	604983	35.842 ng		98
79) Butylbenzylphthalate	13.27	149	283051	43.738 ng	#	71
80) Benzo(a)anthracene	13.84	228	471313	38.104 ng		100
81) 3,3'-Dichlorobenzidine	13.80	252	202477	48.511 ng	#	95
82) Chrysene	13.87	228	460777	37.448 ng		100
83) Bis(2-ethylhexyl)phthalate	13.83	149	390886	54.508 ng		100
84) Di-n-octyl phthalate	14.44	149	693963	55.617 ng		98
85) Indeno(1,2,3-cd)pyrene	16.62	276	292202	32.282 ng		97
87) Benzo(b)fluoranthene	14.86	252	384085	41.451 ng		99
88) Benzo(k)fluoranthene	14.89	252	376750	43.278 ng	#	94
89) Benzo(a)pyrene	15.20	252	336635	41.038 ng		100
90) Dibenzo(a,h)anthracene	16.63	278	257100	38.499 ng		99
91) Benzo(g,h,i)perylene	17.03	276	245439	35.223 ng		95

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

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