Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110818\
Data File : BF110579.D
Acq On : 8 Nov 2018 12:36
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Nov 08 13:47:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 08 13:42:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	82139	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	343854	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	162683	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	304990	20.00	ng		0.00
76) Chrysene-d12	14.14	240	206974	20.00	ng		0.00
87) Perylene-d12	15.66	264	145453	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	493101	97.76	ng		0.00
7) Phenol-d6	6.58	99	619100	95.96	ng		0.00
23) Nitrobenzene-d5	7.52	82	582267	100.44	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	160137	99.37	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	1069946	103.27	ng		0.00
79) Terphenyl-d14	13.07	244	1058344	106.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.78	88	123682	46.802	ng		92
3) Pyridine	3.57	79	268628	45.638	ng		86
4) n-Nitrosodimethylamine	3.54	42	120425	48.834	ng		90
6) Aniline	6.62	93	400086	47.605	ng	#	54
8) 2-Chlorophenol	6.73	128	285403	49.078	ng		96
9) Benzaldehyde	6.50	77	156862	40.047	ng		95
10) Phenol	6.59	94	360035	52.207	ng	#	65
11) bis(2-Chloroethyl)ether	6.69	93	267912	47.220	ng		96
12) 1,3-Dichlorobenzene	6.89	146	308591	48.220	ng		99
13) 1,4-Dichlorobenzene	6.97	146	314902	48.653	ng		98
14) 1,2-Dichlorobenzene	7.12	146	290408	48.333	ng		99
15) Benzyl Alcohol	7.09	79	243999	49.173	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.22	45	418789	46.165	ng		70
17) 2-Methylphenol	7.20	107	223373	48.197	ng	#	83
18) Hexachloroethane	7.46	117	117433	49.557	ng		97
19) n-Nitroso-di-n-propylamine	7.36	70	195889	47.327	ng		97
20) 3+4-Methylphenols	7.35	107	287694	48.023	ng		96
22) Acetophenone	7.36	105	385624	48.671	ng		98
24) Nitrobenzene	7.54	77	297760	49.749	ng		91
25) Isophorone	7.77	82	477666	48.337	ng		97
26) 2-Nitrophenol	7.85	139	155052	54.439	ng		93
27) 2,4-Dimethylphenol	7.87	122	228913	48.477	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	321456	47.884	ng		99
29) 2,4-Dichlorophenol	8.09	162	233307	48.904	ng		97
30) 1,2,4-Trichlorobenzene	8.17	180	263844	49.374	ng		94
31) Naphthalene	8.25	128	772078	48.718	ng		99
32) Benzoic acid	8.02	122	158644	43.468	ng		91
33) 4-Chloroaniline	8.30	127	339425	47.589	ng		99
34) Hexachlorobutadiene	8.36	225	150069	50.578	ng		99
35) Caprolactam	8.69	113	78375	47.134	ng		91
36) 4-Chloro-3-methylphenol	8.78	107	249525	48.368	ng		97
37) 2-Methylnaphthalene	8.95	142	508443	48.490	ng		99
38) 1-Methylnaphthalene	9.05	142	484866	47.851	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	249378	49.198	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	90514	34.922 ng		99
43) 2,4,6-Trichlorophenol	9.22	196	159174	48.686 ng		95
44) 2,4,5-Trichlorophenol	9.27	196	171059	49.499 ng		96
46) 1,1'-Biphenyl	9.41	154	720540	48.979 ng		99
47) 2-Chloronaphthalene	9.44	162	521451	48.322 ng		99
48) 2-Nitroaniline	9.54	65	165826	50.710 ng		92
49) Acenaphthylene	9.86	152	755004	48.440 ng		99
50) Dimethylphthalate	9.70	163	581310	48.407 ng		99
51) 2,6-Dinitrotoluene	9.78	165	130574	50.478 ng		87
52) Acenaphthene	10.03	154	471090	45.688 ng		98
53) 3-Nitroaniline	9.95	138	152331	49.520 ng		93
54) 2,4-Dinitrophenol	10.06	184	51576	56.751 ng		91
55) Dibenzofuran	10.20	168	689422	47.756 ng		99
56) 4-Nitrophenol	10.11	139	104933	46.090 ng		96
57) 2,4-Dinitrotoluene	10.19	165	171597	52.226 ng		97
58) Fluorene	10.55	166	528878	49.224 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	132270	46.957 ng		94
60) Diethylphthalate	10.40	149	567830	48.439 ng		100
61) 4-Chlorophenyl-phenylether	10.53	204	273643	48.279 ng		98
62) 4-Nitroaniline	10.57	138	151227	49.428 ng		90
63) Azobenzene	10.69	77	562586	48.349 ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	79567	57.102 ng		98
66) n-Nitrosodiphenylamine	10.65	169	493638	49.346 ng		96
67) 4-Bromophenyl-phenylether	11.02	248	163965	49.562 ng		97
68) Hexachlorobenzene	11.09	284	170703	48.631 ng	#	89
69) Atrazine	11.17	200	143990	45.547 ng		97
70) Pentachlorophenol	11.29	266	95311	46.566 ng		99
71) Phenanthrene	11.51	178	773235	48.453 ng		100
72) Anthracene	11.56	178	781847	48.878 ng		99
73) Carbazole	11.72	167	760224	48.676 ng		99
74) Di-n-butylphthalate	12.03	149	893570	50.658 ng		99
75) Fluoranthene	12.70	202	784081	48.412 ng		99
77) Benzidine	12.82	184	304660	43.239 ng		98
78) Pyrene	12.93	202	789922	53.236 ng		99
80) Butylbenzylphthalate	13.53	149	342966	53.252 ng		99
81) Benzo(a)anthracene	14.13	228	600720	48.943 ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	189328	44.297 ng		98
83) Chrysene	14.16	228	573803	49.220 ng		99
84) Bis(2-ethylhexyl)phthalate	14.08	149	419826	48.222 ng		98
85) Di-n-octyl phthalate	14.70	149	607875	44.903 ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	419471	43.373 ng		97
88) Benzo(b)fluoranthene	15.21	252	433831	51.650 ng		99
89) Benzo(k)fluoranthene	15.24	252	423200	51.251 ng		99
90) Benzo(a)pyrene	15.60	252	390015	50.463 ng		99
91) Dibenzo(a,h)anthracene	17.24	278	350622	52.576 ng		99
92) Benzo(g,h,i)perylene	17.72	276	351280	53.455 ng		98

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

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