Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
Data File : BF118115.D
Acq On : 6 Dec 2019 15:27
Operator : JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Dec 06 16:27:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 06 15:39:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	145807	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	543237	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	286317	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	528200	20.00	ng		0.00
76) Chrysene-d12	14.07	240	361973	20.00	ng		0.00
87) Perylene-d12	15.56	264	311989	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	828521	100.58	ng		0.00
7) Phenol-d6	6.50	99	1000681	100.72	ng		0.00
23) Nitrobenzene-d5	7.44	82	971725	106.33	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	344736	113.73	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1848815	115.84	ng		0.00
79) Terphenyl-d14	13.00	244	2110568	106.56	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.62	88	177731	46.160	ng		99
3) Pyridine	3.38	79	452209	44.773	ng		100
4) n-Nitrosodimethylamine	3.34	42	198446	45.010	ng		100
6) Aniline	6.53	93	644410	49.082	ng		99
8) 2-Chlorophenol	6.66	128	466134	52.151	ng		98
9) Benzaldehyde	6.42	77	243960	39.309	ng		98
10) Phenol	6.52	94	568866	55.100	ng		96
11) bis(2-Chloroethyl)ether	6.61	93	414802	50.031	ng		95
12) 1,3-Dichlorobenzene	6.81	146	542373	51.542	ng		98
13) 1,4-Dichlorobenzene	6.89	146	555055	52.184	ng		98
14) 1,2-Dichlorobenzene	7.05	146	517792	50.901	ng		98
15) Benzyl Alcohol	7.02	79	390063	50.852	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	499564	39.136	ng		99
17) 2-Methylphenol	7.13	107	371898	49.133	ng		98
18) Hexachloroethane	7.39	117	203452	52.069	ng		99
19) n-Nitroso-di-n-propylamine	7.29	70	303088	49.449	ng		97
20) 3+4-Methylphenols	7.28	107	460773	49.040	ng	#	89
22) Acetophenone	7.29	105	646975	53.009	ng		94
24) Nitrobenzene	7.46	77	470958	49.956	ng		98
25) Isophorone	7.70	82	815130	48.667	ng		99
26) 2-Nitrophenol	7.77	139	260184	56.702	ng		99
27) 2,4-Dimethylphenol	7.81	122	340631	47.773	ng		99
28) bis(2-Chloroethoxy)methane	7.90	93	532655	50.115	ng		99
29) 2,4-Dichlorophenol	8.02	162	397202	51.357	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	457135	50.956	ng		98
31) Naphthalene	8.18	128	1364470	53.878	ng		99
32) Benzoic acid	7.95	122	320182	53.631	ng		96
33) 4-Chloroaniline	8.23	127	586238	51.707	ng		98
34) Hexachlorobutadiene	8.30	225	275374	52.501	ng		99
35) Caprolactam	8.62	113	122722	49.927	ng		94
36) 4-Chloro-3-methylphenol	8.72	107	412419	52.543	ng		99
37) 2-Methylnaphthalene	8.87	142	914798	53.461	ng		99
38) 1-Methylnaphthalene	8.97	142	853746	52.775	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	434573	52.264	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	208564	44.759 ng		98
43) 2,4,6-Trichlorophenol	9.15	196	293313	49.249 ng		99
44) 2,4,5-Trichlorophenol	9.20	196	297447	48.103 ng		94
46) 1,1'-Biphenyl	9.34	154	1129427	53.169 ng		99
47) 2-Chloronaphthalene	9.37	162	899609	51.480 ng		97
48) 2-Nitroaniline	9.46	65	262160	49.692 ng		97
49) Acenaphthylene	9.79	152	1319955	51.809 ng		99
50) Dimethylphthalate	9.65	163	1034877	51.543 ng		100
51) 2,6-Dinitrotoluene	9.71	165	229327	52.262 ng	#	86
52) Acenaphthene	9.96	154	803189	49.213 ng		99
53) 3-Nitroaniline	9.88	138	269670	51.359 ng		99
54) 2,4-Dinitrophenol	9.99	184	120155	61.681 ng		88
55) Dibenzofuran	10.13	168	1189479	52.631 ng		100
56) 4-Nitrophenol	10.04	139	194005	49.500 ng		92
57) 2,4-Dinitrotoluene	10.12	165	309683	55.480 ng		92
58) Fluorene	10.47	166	929525	53.075 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	245036	48.228 ng		99
60) Diethylphthalate	10.35	149	1020148	52.116 ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	470260	52.910 ng		97
62) 4-Nitroaniline	10.50	138	280646	53.383 ng		99
63) Azobenzene	10.63	77	867891	48.735 ng		94
65) 4,6-Dinitro-2-methylphenol	10.53	198	152920	62.016 ng		90
66) n-Nitrosodiphenylamine	10.59	169	830140	54.003 ng		99
67) 4-Bromophenyl-phenylether	10.96	248	303793	53.304 ng		97
68) Hexachlorobenzene	11.03	284	355522	53.498 ng	#	91
69) Atrazine	11.11	200	205771	40.693 ng		99
70) Pentachlorophenol	11.22	266	176075	45.350 ng		99
71) Phenanthrene	11.44	178	1386015	52.192 ng		99
72) Anthracene	11.49	178	1391162	52.836 ng		100
73) Carbazole	11.65	167	1241816	53.972 ng		99
74) Di-n-butylphthalate	11.97	149	1547392	54.015 ng		99
75) Fluoranthene	12.63	202	1415498	55.099 ng		98
77) Benzidine	12.75	184	496654	41.888 ng		98
78) Pyrene	12.86	202	1448788	49.526 ng		99
80) Butylbenzylphthalate	13.48	149	651718	51.871 ng		94
81) Benzo(a)anthracene	14.06	228	1254462	52.445 ng		99
82) 3,3'-Dichlorobenzidine	14.02	252	393106	46.983 ng		99
83) Chrysene	14.10	228	1185986	51.168 ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	851634	55.910 ng	#	98
85) Di-n-octyl phthalate	14.66	149	1290379	57.664 ng		100
86) Indeno(1,2,3-cd)pyrene	17.07	276	936964	47.497 ng		100
88) Benzo(b)fluoranthene	15.12	252	1029388	50.784 ng		99
89) Benzo(k)fluoranthene	15.15	252	1014162	53.100 ng		99
90) Benzo(a)pyrene	15.50	252	909171	51.007 ng		99
91) Dibenzo(a,h)anthracene	17.09	278	765893	49.922 ng		99
92) Benzo(g,h,i)perylene	17.53	276	748989	49.015 ng		97

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

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