Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
Data File : BF115520.D
Acq On : 12 Jul 2019 10:23
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jul 12 12:33:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 12:28:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	207217	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	835862	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	408410	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	757173	20.00	ng	0.00
76) Chrysene-d12	14.05	240	470966	20.00	ng	0.00
87) Perylene-d12	15.52	264	422964	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	987306	73.61	ng	0.00
7) Phenol-d6	6.52	99	1248734	73.21	ng	0.00
23) Nitrobenzene-d5	7.45	82	1134297	80.18	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	366054	81.06	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1929283	82.89	ng	0.00
79) Terphenyl-d14	13.00	244	1970047	85.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	244138	37.111	ng	100
3) Pyridine	3.46	79	653380	35.918	ng	100
4) n-Nitrosodimethylamine	3.42	42	241233	32.703	ng	100
6) Aniline	6.55	93	871140	36.191	ng	100
8) 2-Chlorophenol	6.67	128	571242	37.720	ng	100
9) Benzaldehyde	6.43	77	362347	33.355	ng	100
10) Phenol	6.53	94	731637	35.850	ng	100
11) bis(2-Chloroethyl)ether	6.62	93	549195	36.275	ng	100
12) 1,3-Dichlorobenzene	6.83	146	639794	38.561	ng	100
13) 1,4-Dichlorobenzene	6.90	146	639463	38.477	ng	100
14) 1,2-Dichlorobenzene	7.06	146	589473	38.310	ng	100
15) Benzyl Alcohol	7.03	79	500217	36.546	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.16	45	735627	34.750	ng	100
17) 2-Methylphenol	7.14	107	484810	37.368	ng	100
18) Hexachloroethane	7.40	117	238084	38.456	ng	100
19) n-Nitroso-di-n-propylamine	7.30	70	401258	34.772	ng	100
20) 3+4-Methylphenols	7.29	107	566846	36.988	ng	100
22) Acetophenone	7.30	105	744176	37.155	ng	100
24) Nitrobenzene	7.47	77	607511	38.024	ng	100
25) Isophorone	7.71	82	1104625	36.023	ng	100
26) 2-Nitrophenol	7.79	139	316343	48.160	ng	100
27) 2,4-Dimethylphenol	7.82	122	474732	37.902	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	697884	36.908	ng	100
29) 2,4-Dichlorophenol	8.03	162	491099	39.366	ng	100
30) 1,2,4-Trichlorobenzene	8.11	180	557930	40.173	ng	100
31) Naphthalene	8.19	128	1618407	38.981	ng	100
32) Benzoic acid	7.95	122	327494	38.266	ng	100
33) 4-Chloroaniline	8.24	127	697707	37.665	ng	100
34) Hexachlorobutadiene	8.32	225	319896	40.616	ng	100
35) Caprolactam	8.62	113	147529	36.309	ng	100
36) 4-Chloro-3-methylphenol	8.72	107	499790	37.875	ng	100
37) 2-Methylnaphthalene	8.89	142	1052311	37.920	ng	100
38) 1-Methylnaphthalene	8.99	142	998199	37.700	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	485190	41.295	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	283177	41.583 ng	100
43) 2,4,6-Trichlorophenol	9.16	196	351390	41.080 ng	100
44) 2,4,5-Trichlorophenol	9.20	196	364795	41.128 ng	100
46) 1,1'-Biphenyl	9.35	154	1257693	39.172 ng	100
47) 2-Chloronaphthalene	9.37	162	1051805	39.637 ng	100
48) 2-Nitroaniline	9.46	65	316877	40.645 ng	100
49) Acenaphthylene	9.79	152	1546407	38.490 ng	100
50) Dimethylphthalate	9.65	163	1179691	38.484 ng	100
51) 2,6-Dinitrotoluene	9.70	165	273053	41.072 ng	100
52) Acenaphthene	9.96	154	992818	39.265 ng	100
53) 3-Nitroaniline	9.87	138	311960	40.401 ng	100
54) 2,4-Dinitrophenol	9.98	184	142770	61.372 ng	100
55) Dibenzofuran	10.13	168	1362715	38.259 ng	100
56) 4-Nitrophenol	10.03	139	238095	39.855 ng	100
57) 2,4-Dinitrotoluene	10.11	165	352549	41.727 ng	100
58) Fluorene	10.47	166	1006109	35.833 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	300374	39.202 ng	100
60) Diethylphthalate	10.35	149	1115106	36.957 ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	522403	38.120 ng	100
62) 4-Nitroaniline	10.49	138	298227	39.348 ng	100
63) Azobenzene	10.63	77	1086414	34.930 ng	100
65) 4,6-Dinitro-2-methylphenol	10.52	198	185283	56.327 ng	100
66) n-Nitrosodiphenylamine	10.59	169	929137	38.946 ng	100
67) 4-Bromophenyl-phenylether	10.96	248	345304	40.643 ng	100
68) Hexachlorobenzene	11.03	284	387586	40.655 ng	100
69) Atrazine	11.11	200	289049	39.149 ng	100
70) Pentachlorophenol	11.22	266	244227	42.035 ng	100
71) Phenanthrene	11.44	178	1527719	38.364 ng	100
72) Anthracene	11.49	178	1541186	38.595 ng	100
73) Carbazole	11.64	167	1379529	37.763 ng	100
74) Di-n-butylphthalate	11.97	149	1655986	37.508 ng	100
75) Fluoranthene	12.63	202	1568377	37.406 ng	100
77) Benzidine	12.74	184	655765	35.706 ng	100
78) Pyrene	12.86	202	1566504	42.772 ng	100
80) Butylbenzylphthalate	13.47	149	670829	41.921 ng	100
81) Benzo(a)anthracene	14.04	228	1211237	40.138 ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	448061	40.920 ng	100
83) Chrysene	14.08	228	1222636	39.433 ng	100
84) Bis(2-ethylhexyl)phthalate	14.03	149	835709	42.171 ng	100
85) Di-n-octyl phthalate	14.64	149	1323054	37.503 ng	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	993290	37.016 ng	100
88) Benzo(b)fluoranthene	15.09	252	1010314	36.687 ng	100
89) Benzo(k)fluoranthene	15.12	252	986049	40.261 ng	100
90) Benzo(a)pyrene	15.46	252	915951	38.563 ng	100
91) Dibenzo(a,h)anthracene	17.02	278	809231	39.869 ng	100
92) Benzo(g,h,i)perylene	17.45	276	800282	41.657 ng	100

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

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