Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071919\
Data File : BF115664.D
Acq On : 19 Jul 2019 8:46
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 19 13:24:25 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 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	199533	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	842916	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	424286	20.00	ng		0.00
64) Phenanthrene-d10	11.41	188	802586	20.00	ng		0.00
76) Chrysene-d12	14.06	240	563647	20.00	ng		0.00
87) Perylene-d12	15.54	264	566405	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	1011677	82.93	ng		0.00
7) Phenol-d6	6.52	99	1319798	85.27	ng		0.00
23) Nitrobenzene-d5	7.45	82	1220690	84.21	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	398944	80.55	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	2010181	82.92	ng		0.00
79) Terphenyl-d14	13.00	244	2206326	72.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	247687	40.705	ng		98
3) Pyridine	3.43	79	686689	41.595	ng		98
4) n-Nitrosodimethylamine	3.38	42	270160	45.109	ng		93
6) Aniline	6.55	93	923114	42.855	ng		100
8) 2-Chlorophenol	6.67	128	595258	42.443	ng		96
9) Benzaldehyde	6.43	77	396148	40.955	ng		99
10) Phenol	6.53	94	779311	43.371	ng		93
11) bis(2-Chloroethyl)ether	6.62	93	590457	43.161	ng		98
12) 1,3-Dichlorobenzene	6.83	146	655513	41.571	ng		100
13) 1,4-Dichlorobenzene	6.90	146	653568	41.541	ng		96
14) 1,2-Dichlorobenzene	7.06	146	600638	41.763	ng		98
15) Benzyl Alcohol	7.03	79	519679	42.323	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	797234	44.264	ng		99
17) 2-Methylphenol	7.14	107	520635	43.076	ng		98
18) Hexachloroethane	7.40	117	247007	42.298	ng		94
19) n-Nitroso-di-n-propylamine	7.30	70	424289	42.030	ng		98
20) 3+4-Methylphenols	7.29	107	581002	40.470	ng		94
22) Acetophenone	7.30	105	779278	40.923	ng	#	92
24) Nitrobenzene	7.47	77	670130	42.859	ng		98
25) Isophorone	7.71	82	1235438	42.590	ng		100
26) 2-Nitrophenol	7.78	139	343046	42.625	ng		97
27) 2,4-Dimethylphenol	7.82	122	488733	40.587	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	763523	42.905	ng		99
29) 2,4-Dichlorophenol	8.03	162	527169	42.095	ng		98
30) 1,2,4-Trichlorobenzene	8.11	180	582232	41.130	ng		99
31) Naphthalene	8.19	128	1691258	41.429	ng		98
32) Benzoic acid	7.96	122	414081	41.902	ng		98
33) 4-Chloroaniline	8.23	127	756530	41.838	ng		99
34) Hexachlorobutadiene	8.31	225	334680	41.228	ng		99
35) Caprolactam	8.62	113	168322	43.496	ng		90
36) 4-Chloro-3-methylphenol	8.72	107	548873	42.252	ng		96
37) 2-Methylnaphthalene	8.88	142	1124361	41.551	ng		99
38) 1-Methylnaphthalene	8.98	142	1077205	41.910	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	519850	40.687	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	277065	38.015 ng	99
43) 2,4,6-Trichlorophenol	9.16	196	369624	39.559 ng	99
44) 2,4,5-Trichlorophenol	9.20	196	388120	40.561 ng	97
46) 1,1'-Biphenyl	9.35	154	1354742	40.842 ng	98
47) 2-Chloronaphthalene	9.37	162	1133659	41.046 ng	97
48) 2-Nitroaniline	9.46	65	370126	43.297 ng	98
49) Acenaphthylene	9.79	152	1683272	41.131 ng	99
50) Dimethylphthalate	9.65	163	1324651	41.496 ng	100
51) 2,6-Dinitrotoluene	9.70	165	304531	41.978 ng	95
52) Acenaphthene	9.96	154	1107950	41.933 ng	100
53) 3-Nitroaniline	9.87	138	356588	43.014 ng	100
54) 2,4-Dinitrophenol	9.98	184	165955	44.557 ng	100
55) Dibenzofuran	10.13	168	1507979	40.189 ng	99
56) 4-Nitrophenol	10.03	139	263937	41.751 ng	99
57) 2,4-Dinitrotoluene	10.11	165	403592	42.942 ng	98
58) Fluorene	10.47	166	1105267	41.204 ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	333213	41.657 ng	98
60) Diethylphthalate	10.35	149	1253278	41.902 ng	100
61) 4-Chlorophenyl-phenylether	10.46	204	577750	38.839 ng	98
62) 4-Nitroaniline	10.49	138	349213	43.915 ng	97
63) Azobenzene	10.62	77	1258670	43.386 ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	214362	43.716 ng	95
66) n-Nitrosodiphenylamine	10.58	169	1046411	41.914 ng	97
67) 4-Bromophenyl-phenylether	10.95	248	378174	41.233 ng	98
68) Hexachlorobenzene	11.03	284	427238	40.790 ng	95
69) Atrazine	11.11	200	309180	37.750 ng	99
70) Pentachlorophenol	11.22	266	252034	39.342 ng	98
71) Phenanthrene	11.44	178	1688406	41.041 ng	98
72) Anthracene	11.49	178	1724146	40.552 ng	99
73) Carbazole	11.64	167	1558198	41.793 ng	99
74) Di-n-butylphthalate	11.97	149	1924519	41.906 ng	99
75) Fluoranthene	12.63	202	1758754	40.455 ng	99
77) Benzidine	12.74	184	833814	41.759 ng	99
78) Pyrene	12.86	202	1780172	37.278 ng	99
80) Butylbenzylphthalate	13.46	149	821282	40.343 ng	94
81) Benzo(a)anthracene	14.04	228	1555288	41.884 ng	99
82) 3,3'-Dichlorobenzidine	14.00	252	585995	44.391 ng	96
83) Chrysene	14.09	228	1503234	40.326 ng	99
84) Bis(2-ethylhexyl)phthalate	14.03	149	1082218	42.917 ng	98
85) Di-n-octyl phthalate	14.65	149	1728474	43.081 ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1351801	42.685 ng	99
88) Benzo(b)fluoranthene	15.11	252	1427386	39.137 ng	99
89) Benzo(k)fluoranthene	15.14	252	1317283	40.511 ng	99
90) Benzo(a)pyrene	15.48	252	1263759	40.315 ng	100
91) Dibenzo(a,h)anthracene	17.04	278	1107923	40.259 ng	99
92) Benzo(g,h,i)perylene	17.49	276	1084671	39.520 ng	100

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

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