Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115400.D
Acq On : 8 Jul 2019 11:44
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 08 14:42:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 14:37:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	226830	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	951456	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	475141	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	902527	20.00	ng	0.00
76) Chrysene-d12	14.07	240	643942	20.00	ng	0.00
87) Perylene-d12	15.59	264	617209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1108686	75.52	ng	0.00
7) Phenol-d6	6.53	99	1456702	78.02	ng	0.00
23) Nitrobenzene-d5	7.46	82	1340278	83.23	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	426906	81.26	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2178921	80.47	ng	0.00
79) Terphenyl-d14	13.00	244	2437454	77.50	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.70	88	267385	37.131	ng	100
3) Pyridine	3.46	79	749819	37.656	ng	100
4) n-Nitrosodimethylamine	3.42	42	304239	37.678	ng	100
6) Aniline	6.56	93	1031555	39.150	ng	100
8) 2-Chlorophenol	6.69	128	660402	39.837	ng	100
9) Benzaldehyde	6.45	77	443282	41.432	ng	100
10) Phenol	6.55	94	868444	38.874	ng	100
11) bis(2-Chloroethyl)ether	6.63	93	655607	39.559	ng	100
12) 1,3-Dichlorobenzene	6.85	146	702248	38.666	ng	100
13) 1,4-Dichlorobenzene	6.92	146	706695	38.846	ng	100
14) 1,2-Dichlorobenzene	7.07	146	659389	39.149	ng	100
15) Benzyl Alcohol	7.04	79	593937	39.641	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.17	45	911174	39.321	ng	100
17) 2-Methylphenol	7.15	107	556802	39.206	ng	100
18) Hexachloroethane	7.42	117	270804	39.959	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	488481	38.670	ng	100
20) 3+4-Methylphenols	7.30	107	652671	38.905	ng	100
22) Acetophenone	7.31	105	871604	38.230	ng	100
24) Nitrobenzene	7.48	77	735590	40.447	ng	100
25) Isophorone	7.72	82	1351556	38.721	ng	100
26) 2-Nitrophenol	7.80	139	351621	47.027	ng	100
27) 2,4-Dimethylphenol	7.83	122	566347	39.723	ng	100
28) bis(2-Chloroethoxy)methane	7.93	93	846604	39.333	ng	100
29) 2,4-Dichlorophenol	8.04	162	571785	40.265	ng	100
30) 1,2,4-Trichlorobenzene	8.12	180	629522	39.821	ng	100
31) Naphthalene	8.20	128	1836440	38.859	ng	100
32) Benzoic acid	7.96	122	355916	35.996	ng	100
33) 4-Chloroaniline	8.25	127	836628	39.677	ng	100
34) Hexachlorobutadiene	8.33	225	365027	40.715	ng	100
35) Caprolactam	8.63	113	181468	39.236	ng	100
36) 4-Chloro-3-methylphenol	8.73	107	596418	39.707	ng	100
37) 2-Methylnaphthalene	8.90	142	1228718	38.898	ng	100
38) 1-Methylnaphthalene	8.99	142	1185670	39.340	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	553301	40.478	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	411997	52.003	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	407292	40.928	ng	100
44) 2,4,5-Trichlorophenol	9.21	196	425627	41.247	ng	100
46) 1,1'-Biphenyl	9.36	154	1491997	39.943	ng	100
47) 2-Chloronaphthalene	9.39	162	1229740	39.834	ng	100
48) 2-Nitroaniline	9.47	65	394354	43.478	ng	100
49) Acenaphthylene	9.80	152	1828909	39.129	ng	100
50) Dimethylphthalate	9.66	163	1418387	39.772	ng	100
51) 2,6-Dinitrotoluene	9.72	165	323033	41.766	ng	100
52) Acenaphthene	9.97	154	1158735	39.390	ng	100
53) 3-Nitroaniline	9.89	138	374872	41.730	ng	100
54) 2,4-Dinitrophenol	9.99	184	140071	46.571	ng	100
55) Dibenzofuran	10.15	168	1605375	38.742	ng	100
56) 4-Nitrophenol	10.03	139	295258	42.482	ng	100
57) 2,4-Dinitrotoluene	10.12	165	424073	43.143	ng	100
58) Fluorene	10.49	166	1192332	36.501	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	366065	41.065	ng	100
60) Diethylphthalate	10.36	149	1384683	39.447	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	616087	38.642	ng	100
62) 4-Nitroaniline	10.50	138	367317	41.657	ng	100
63) Azobenzene	10.64	77	1395598	38.569	ng	100
65) 4,6-Dinitro-2-methylphenol	10.53	198	194574	45.511	ng	100
66) n-Nitrosodiphenylamine	10.59	169	1144938	40.262	ng	100
67) 4-Bromophenyl-phenylether	10.97	248	413887	40.870	ng	100
68) Hexachlorobenzene	11.04	284	465895	40.998	ng	100
69) Atrazine	11.12	200	366652	41.662	ng	100
70) Pentachlorophenol	11.22	266	291889	42.147	ng	100
71) Phenanthrene	11.45	178	1859224	39.170	ng	100
72) Anthracene	11.50	178	1873434	39.360	ng	100
73) Carbazole	11.65	167	1717397	39.440	ng	100
74) Di-n-butylphthalate	11.98	149	2081523	39.553	ng	100
75) Fluoranthene	12.63	202	1949149	39.000	ng	100
77) Benzidine	12.75	184	916080	36.481	ng	100
78) Pyrene	12.86	202	1987549	39.691	ng	100
80) Butylbenzylphthalate	13.48	149	922345	42.156	ng	100
81) Benzo(a)anthracene	14.07	228	1616064	39.168	ng	100
82) 3,3'-Dichlorobenzidine	14.02	252	637915	42.609	ng	100
83) Chrysene	14.10	228	1677777	39.577	ng	100
84) Bis(2-ethylhexyl)phthalate	14.06	149	1117863	41.256	ng	100
85) Di-n-octyl phthalate	14.70	149	1985528	41.163	ng	100
86) Indeno(1,2,3-cd)pyrene	17.08	276	1466361	41.816	ng	100
88) Benzo(b)fluoranthene	15.15	252	1642212	40.865	ng	100
89) Benzo(k)fluoranthene	15.19	252	1369559	38.321	ng	100
90) Benzo(a)pyrene	15.53	252	1386029	39.989	ng	100
91) Dibenzo(a,h)anthracene	17.10	278	1194528	40.331	ng	100
92) Benzo(g,h,i)perylene	17.53	276	1158351	41.319	ng	100

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

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