Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115112.D
Acq On : 22 Jun 2019 11:24
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 24 04:32:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	220383	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	898745	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	445057	20.00	ng	0.00
64) Phenanthrene-d10	11.11	188	867628	20.00	ng	0.00
76) Chrysene-d12	13.73	240	644070	20.00	ng	-0.02
87) Perylene-d12	15.09	264	750402	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1153744	80.79	ng	0.00
7) Phenol-d6	6.25	99	1410026	81.35	ng	0.00
23) Nitrobenzene-d5	7.18	82	1218384	83.39	ng	0.00
42) 2,4,6-Tribromophenol	10.42	330	405008	86.30	ng	0.00
45) 2-Fluorobiphenyl	8.97	172	2208922	84.31	ng	-0.01
79) Terphenyl-d14	12.70	244	2461583	81.26	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.18	88	268936	39.902	ng	100
3) Pyridine	2.84	79	755391	39.764	ng	100
4) n-Nitrosodimethylamine	2.78	42	292927	39.334	ng	100
6) Aniline	6.27	93	975626	40.953	ng	98
8) 2-Chlorophenol	6.40	128	662711	41.269	ng	99
9) Benzaldehyde	6.15	77	469416	41.509	ng	99
10) Phenol	6.26	94	826064	40.684	ng	99
11) bis(2-Chloroethyl)ether	6.35	93	610396	40.782	ng	98
12) 1,3-Dichlorobenzene	6.55	146	734917	41.237	ng	99
13) 1,4-Dichlorobenzene	6.63	146	736601	41.217	ng	99
14) 1,2-Dichlorobenzene	6.78	146	691211	41.765	ng	98
15) Benzyl Alcohol	6.76	79	513280	40.665	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.90	45	886438	40.834	ng	99
17) 2-Methylphenol	6.87	107	532716	40.190	ng	99
18) Hexachloroethane	7.13	117	265024	41.134	ng	99
19) n-Nitroso-di-n-propylamine	7.04	70	447661	40.339	ng	99
20) 3+4-Methylphenols	7.03	107	625690	40.881	ng	96
22) Acetophenone	7.02	105	839728	40.813	ng	99
24) Nitrobenzene	7.20	77	667808	41.490	ng	99
25) Isophorone	7.44	82	1208422	40.376	ng	99
26) 2-Nitrophenol	7.51	139	346456	43.586	ng	99
27) 2,4-Dimethylphenol	7.56	122	536290	41.207	ng	100
28) bis(2-Chloroethoxy)methane	7.65	93	785281	41.513	ng	99
29) 2,4-Dichlorophenol	7.75	162	559022	41.623	ng	100
30) 1,2,4-Trichlorobenzene	7.84	180	625024	42.131	ng	100
31) Naphthalene	7.92	128	1857190	42.097	ng	100
32) Benzoic acid	7.68	122	347322	37.387	ng	97
33) 4-Chloroaniline	7.97	127	826695	41.002	ng	99
34) Hexachlorobutadiene	8.05	225	346465	42.617	ng	98
35) Caprolactam	8.34	113	179745	39.806	ng	99
36) 4-Chloro-3-methylphenol	8.45	107	559486	41.134	ng	98
37) 2-Methylnaphthalene	8.61	142	1243265	41.796	ng	99
38) 1-Methylnaphthalene	8.71	142	1191394	41.936	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	534003	42.460	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	289359	38.801	ng		98
43) 2,4,6-Trichlorophenol	8.88	196	398834	41.077	ng		99
44) 2,4,5-Trichlorophenol	8.92	196	422043	42.209	ng		98
46) 1,1'-Biphenyl	9.07	154	1435875	40.321	ng		99
47) 2-Chloronaphthalene	9.09	162	1212080	41.961	ng		98
48) 2-Nitroaniline	9.18	65	354145	42.053	ng		93
49) Acenaphthylene	9.50	152	1878473	41.739	ng		99
50) Dimethylphthalate	9.38	163	1354997	41.382	ng		100
51) 2,6-Dinitrotoluene	9.43	165	317289	41.972	ng		92
52) Acenaphthene	9.68	154	1170329	41.557	ng		99
53) 3-Nitroaniline	9.60	138	388580	42.122	ng		94
54) 2,4-Dinitrophenol	9.69	184	148232	41.953	ng	#	88
55) Dibenzofuran	9.85	168	1637911	40.522	ng		97
56) 4-Nitrophenol	9.75	139	304573	41.182	ng		95
57) 2,4-Dinitrotoluene	9.82	165	420013	43.030	ng		92
58) Fluorene	10.18	166	1131118	41.522	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	350507	41.805	ng		99
60) Diethylphthalate	10.07	149	1360087	41.322	ng		99
61) 4-Chlorophenyl-phenylether	10.18	204	557486	43.341	ng		98
62) 4-Nitroaniline	10.20	138	381705	41.245	ng		98
63) Azobenzene	10.34	77	1269896	41.307	ng		98
65) 4,6-Dinitro-2-methylphenol	10.23	198	194227	42.685	ng		90
66) n-Nitrosodiphenylamine	10.30	169	1116127	41.291	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	395149	42.006	ng		96
68) Hexachlorobenzene	10.73	284	430013	42.114	ng		96
69) Atrazine	10.83	200	356272	40.973	ng		99
70) Pentachlorophenol	10.92	266	280016	43.047	ng		99
71) Phenanthrene	11.14	178	1870497	40.041	ng		99
72) Anthracene	11.19	178	1882132	39.914	ng		99
73) Carbazole	11.34	167	1722076	40.897	ng		99
74) Di-n-butylphthalate	11.69	149	2031504	41.751	ng		99
75) Fluoranthene	12.31	202	1925412	41.310	ng		100
77) Benzidine	12.44	184	1149773	40.203	ng		98
78) Pyrene	12.54	202	1982086	40.044	ng		99
80) Butylbenzylphthalate	13.18	149	882340	40.394	ng		93
81) Benzo(a)anthracene	13.72	228	1879787	40.676	ng		99
82) 3,3'-Dichlorobenzidine	13.69	252	683833	40.976	ng		98
83) Chrysene	13.76	228	1737816	41.051	ng		100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1172795	40.975	ng		100
85) Di-n-octyl phthalate	14.35	149	1957027	40.695	ng		100
86) Indeno(1,2,3-cd)pyrene	16.37	276	2098994	41.902	ng		99
88) Benzo(b)fluoranthene	14.72	252	1837455	39.243	ng		99
89) Benzo(k)fluoranthene	14.75	252	1754547	41.785	ng		98
90) Benzo(a)pyrene	15.04	252	1741657	41.269	ng		100
91) Dibenzo(a,h)anthracene	16.38	278	1693192	42.976	ng		99
92) Benzo(g,h,i)perylene	16.74	276	1723762	43.228	ng		98

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

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