Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020421\
Data File : BF123117.D
Acq On : 4 Feb 2021 17:04
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Quant Time: Feb 04 17:36:30 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 12:29:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	256411	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	931589	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	484031	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	873935	20.00	ng		0.00
76) Chrysene-d12	14.092	240	672863	20.00	ng		0.00
86) Perylene-d12	15.574	264	600511	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1308202	78.70	ng		0.01
7) Phenol-d6	6.528	99	1715790	76.15	ng		0.01
23) Nitrobenzene-d5	7.463	82	1554187	83.96	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	487316	92.74	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2633516	80.88	ng		0.00
79) Terphenyl-d14	13.027	244	3062042	89.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	312275	37.76	ng		95
3) Pyridine	3.446	79	828349	37.45	ng		95
4) n-Nitrosodimethylamine	3.393	42	340842	36.62	ng		97
6) Aniline	6.563	93	1050182	37.87	ng		99
8) 2-Chlorophenol	6.686	128	724169	40.19	ng		99
9) Benzaldehyde	6.445	77	416859	40.47	ng		97
10) Phenol	6.539	94	915722	40.98	ng		92
11) bis(2-Chloroethyl)ether	6.634	93	704103	37.86	ng		97
12) 1,3-Dichlorobenzene	6.839	146	827415	39.38	ng		98
13) 1,4-Dichlorobenzene	6.916	146	836424	38.22	ng		98
14) 1,2-Dichlorobenzene	7.069	146	770691	37.64	ng		97
15) Benzyl Alcohol	7.039	79	639646	40.49	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1068425	37.26	ng		98
17) 2-Methylphenol	7.151	107	604633	39.44	ng		98
18) Hexachloroethane	7.416	117	317690	41.45	ng		99
19) n-Nitroso-di-n-propyla...	7.316	70	508034	37.50	ng		97
20) 3+4-Methylphenols	7.304	107	716319	39.67	ng		92
22) Acetophenone	7.310	105	934502	38.50	ng	#	98
24) Nitrobenzene	7.481	77	779807	40.89	ng		97
25) Isophorone	7.722	82	1328381	39.18	ng		100
26) 2-Nitrophenol	7.798	139	385981	48.94	ng		96
27) 2,4-Dimethylphenol	7.833	122	563126	39.57	ng		98
28) bis(2-Chloroethoxy)met...	7.928	93	903119	39.04	ng		99
29) 2,4-Dichlorophenol	8.039	162	627251	42.15	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	696032	41.52	ng		99
31) Naphthalene	8.204	128	2046826	40.06	ng		99
32) Benzoic acid	7.957	122	516627	45.37	ng		98
33) 4-Chloroaniline	8.251	127	875077	38.59	ng		98
34) Hexachlorobutadiene	8.322	225	416865	43.04	ng		99
35) Caprolactam	8.633	113	204595	40.68	ng		88
36) 4-Chloro-3-methylphenol	8.733	107	647956	41.87	ng		97
37) 2-Methylnaphthalene	8.898	142	1341077	39.53	ng		99
38) 1-Methylnaphthalene	8.998	142	1266737	39.44	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	644380	42.79	ng		99
41) Hexachlorocyclopentadiene	9.051	237	331519	46.38	ng		98
43) 2,4,6-Trichlorophenol	9.175	196	461403	44.70	ng		98

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44) 2,4,5-Trichlorophenol	9.216	196	477712	44.25	ng		99
46) 1,1'-Biphenyl	9.363	154	1603441	40.39	ng		100
47) 2-Chloronaphthalene	9.392	162	1359597	40.91	ng		97
48) 2-Nitroaniline	9.480	65	444765	44.15	ng		87
49) Acenaphthylene	9.804	152	1946944	40.03	ng		99
50) Dimethylphthalate	9.663	163	1559232	41.06	ng		99
51) 2,6-Dinitrotoluene	9.722	165	354682	43.84	ng	#	87
52) Acenaphthene	9.980	154	1282099	41.03	ng		100
53) 3-Nitroaniline	9.898	138	397681	41.57	ng		99
54) 2,4-Dinitrophenol	9.998	184	181833	51.79	ng		97
55) Dibenzofuran	10.151	168	1756087	38.62	ng		99
56) 4-Nitrophenol	10.051	139	303264	43.86	ng		91
57) 2,4-Dinitrotoluene	10.127	165	465909	44.29	ng		98
58) Fluorene	10.492	166	1349554	37.16	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	404648	44.20	ng		96
60) Diethylphthalate	10.363	149	1532478	41.04	ng		99
61) 4-Chlorophenyl-phenyle...	10.486	204	682043	39.97	ng		97
62) 4-Nitroaniline	10.510	138	403697	42.00	ng		99
63) Azobenzene	10.645	77	1422274	38.92	ng		98
65) 4,6-Dinitro-2-methylph...	10.539	198	230669	47.84	ng		95
66) n-Nitrosodiphenylamine	10.604	169	1233111	39.15	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	464482	41.73	ng		90
68) Hexachlorobenzene	11.045	284	507886	42.54	ng		96
69) Atrazine	11.133	200	353142	40.60	ng		99
70) Pentachlorophenol	11.239	266	307020	47.45	ng		99
71) Phenanthrene	11.463	178	2040369	37.59	ng		100
72) Anthracene	11.516	178	2028073	38.95	ng		100
73) Carbazole	11.663	167	1853178	38.35	ng		100
74) Di-n-butylphthalate	11.998	149	2337617	40.80	ng		99
75) Fluoranthene	12.657	202	2094640	38.61	ng		99
77) Benzidine	12.774	184	1369098	89.92	ng		99
78) Pyrene	12.886	202	2100456	41.35	ng		99
80) Butylbenzylphthalate	13.504	149	1007880	46.11	ng		100
81) Benzo(a)anthracene	14.080	228	1875747	41.19	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	675016	47.10	ng		97
83) Chrysene	14.115	228	1818806	39.91	ng		99
84) Bis(2-ethylhexyl)phtha...	14.068	149	1328315	45.74	ng	#	97
85) Di-n-octyl phthalate	14.680	149	2194152	44.98	ng		99
87) Indeno(1,2,3-cd)pyrene	17.086	276	1704789	42.63	ng		99
88) Benzo(b)fluoranthene	15.145	252	1790666	41.31	ng		98
89) Benzo(k)fluoranthene	15.174	252	1680833	41.73	ng		99
90) Benzo(a)pyrene	15.515	252	1596961	41.95	ng		98
91) Dibenzo(a,h)anthracene	17.109	278	1412520	42.91	ng		98
92) Benzo(g,h,i)perylene	17.551	276	1351178	42.36	ng		99

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

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