Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032620\
Data File : BF119534.D
Acq On : 26 Mar 2020 15:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 26 16:27:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 15:11:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	290955	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	1084196	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	559991	20.00	ng	-0.02
64) Phenanthrene-d10	11.37	188	1046252	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	752333	20.00	ng	-0.02
87) Perylene-d12	15.48	264	685141	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1458908	79.82	ng	-0.02
7) Phenol-d6	6.46	99	1904970	81.59	ng	-0.01
23) Nitrobenzene-d5	7.40	82	1720837	86.26	ng	-0.02
42) 2,4,6-Tribromophenol	10.67	330	545217	94.37	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	3086559	81.66	ng	-0.02
79) Terphenyl-d14	12.96	244	3141939	81.82	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.56	88	333482	36.943	ng	98
3) Pyridine	3.30	79	912286	36.684	ng	100
4) n-Nitrosodimethylamine	3.25	42	439177	36.213	ng	99
6) Aniline	6.50	93	1283108	39.819	ng	99
8) 2-Chlorophenol	6.62	128	810585	42.226	ng	100
9) Benzaldehyde	6.39	77	550622	37.176	ng	98
10) Phenol	6.47	94	1085445	43.570	ng	98
11) bis(2-Chloroethyl)ether	6.57	93	816523	40.980	ng	99
12) 1,3-Dichlorobenzene	6.78	146	869594	41.855	ng	97
13) 1,4-Dichlorobenzene	6.86	146	856886	41.234	ng	98
14) 1,2-Dichlorobenzene	7.01	146	812625	41.835	ng	99
15) Benzyl Alcohol	6.97	79	737665	42.002	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1590047	39.563	ng	98
17) 2-Methylphenol	7.09	107	734107	41.739	ng	98
18) Hexachloroethane	7.35	117	325189	42.700	ng	99
19) n-Nitroso-di-n-propylamine	7.26	70	587424	41.742	ng	96
20) 3+4-Methylphenols	7.24	107	905156	41.993	ng	93
22) Acetophenone	7.25	105	1055405	40.739	ng	99
24) Nitrobenzene	7.42	77	889856	41.739	ng	98
25) Isophorone	7.66	82	1627492	40.217	ng	98
26) 2-Nitrophenol	7.73	139	420102	50.046	ng	94
27) 2,4-Dimethylphenol	7.77	122	675325	38.907	ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	983535	41.101	ng	99
29) 2,4-Dichlorophenol	7.97	162	680217	42.651	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	749484	42.493	ng	97
31) Naphthalene	8.15	128	2309211	41.388	ng	99
32) Benzoic acid	7.90	122	571536	51.189	ng	97
33) 4-Chloroaniline	8.19	127	1047890	40.988	ng	99
34) Hexachlorobutadiene	8.26	225	435653	44.147	ng	98
35) Caprolactam	8.57	113	214120	41.022	ng	93
36) 4-Chloro-3-methylphenol	8.67	107	726854	41.699	ng	99
37) 2-Methylnaphthalene	8.84	142	1543738	42.159	ng	99
38) 1-Methylnaphthalene	8.94	142	1436976	41.461	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	708717	43.178	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	404525	43.351	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	507888	43.239	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	579178	44.016	ng		97
46) 1,1'-Biphenyl	9.30	154	1898993	41.637	ng		100
47) 2-Chloronaphthalene	9.33	162	1484117	41.542	ng		100
48) 2-Nitroaniline	9.42	65	545110	44.206	ng		99
49) Acenaphthylene	9.75	152	2283151	40.696	ng		99
50) Dimethylphthalate	9.61	163	1660742	41.752	ng		100
51) 2,6-Dinitrotoluene	9.67	165	377365	44.261	ng	#	85
52) Acenaphthene	9.92	154	1474800	42.167	ng		99
53) 3-Nitroaniline	9.83	138	457988	42.549	ng		98
54) 2,4-Dinitrophenol	9.94	184	189766	54.036	ng		88
55) Dibenzofuran	10.09	168	2074748	41.375	ng		100
56) 4-Nitrophenol	9.99	139	359201	42.303	ng		90
57) 2,4-Dinitrotoluene	10.07	165	492463	45.852	ng		89
58) Fluorene	10.43	166	1546699	41.711	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.20	232	435598	44.288	ng		98
60) Diethylphthalate	10.31	149	1727477	42.790	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	782003	43.125	ng		98
62) 4-Nitroaniline	10.45	138	452985	43.887	ng		100
63) Azobenzene	10.59	77	1660152	40.836	ng		97
65) 4,6-Dinitro-2-methylphenol	10.48	198	250356	57.065	ng		96
66) n-Nitrosodiphenylamine	10.55	169	1432256	41.700	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	523886	43.967	ng		99
68) Hexachlorobenzene	10.98	284	532071	43.629	ng		99
69) Atrazine	11.07	200	405207	43.033	ng		100
70) Pentachlorophenol	11.17	266	329899	46.135	ng		97
71) Phenanthrene	11.40	178	2256902	41.601	ng		100
72) Anthracene	11.45	178	2266674	41.110	ng		99
73) Carbazole	11.60	167	2208855	40.474	ng		99
74) Di-n-butylphthalate	11.94	149	2617625	44.837	ng		99
75) Fluoranthene	12.59	202	2385359	40.628	ng		99
77) Benzidine	12.71	184	1213177	38.104	ng		99
78) Pyrene	12.82	202	2455994	39.778	ng		100
80) Butylbenzylphthalate	13.44	149	1107102	44.333	ng		97
81) Benzo(a)anthracene	14.01	228	1942473	39.705	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	769843	39.909	ng		98
83) Chrysene	14.04	228	1996465	39.541	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1406580	47.250	ng		98
85) Di-n-octyl phthalate	14.62	149	2465833	47.098	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	1690194	35.544	ng		98
88) Benzo(b)fluoranthene	15.06	252	1927392	42.113	ng		98
89) Benzo(k)fluoranthene	15.09	252	1852344	42.505	ng		99
90) Benzo(a)pyrene	15.42	252	1718609	41.320	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	1391969	38.262	ng		99
92) Benzo(g,h,i)perylene	17.40	276	1332370	36.455	ng		95

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

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