Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
Data File : BF118793.D
Acq On : 3 Feb 2020 12:17
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Feb 03 14:12:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 14:01:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	298848	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	1116739	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	630053	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	1184728	20.00	ng	0.00
76) Chrysene-d12	13.98	240	907000	20.00	ng	0.00
87) Perylene-d12	15.43	264	926778	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1287807	80.03	ng	0.00
7) Phenol-d6	6.45	99	1614624	77.20	ng	0.00
23) Nitrobenzene-d5	7.38	82	1505561	75.41	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	616907	84.65	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	2893883	75.49	ng	0.00
79) Terphenyl-d14	12.93	244	3557867	85.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	287315	36.866	ng	100
3) Pyridine	3.29	79	812185	36.974	ng	100
4) n-Nitrosodimethylamine	3.23	42	294192	31.239	ng	100
6) Aniline	6.48	93	1040290	37.776	ng	100
8) 2-Chlorophenol	6.60	128	732415	40.553	ng	100
9) Benzaldehyde	6.36	77	452622	35.586	ng	100
10) Phenol	6.46	94	902672	37.873	ng	100
11) bis(2-Chloroethyl)ether	6.55	93	681053	38.514	ng	100
12) 1,3-Dichlorobenzene	6.76	146	861890	40.772	ng	100
13) 1,4-Dichlorobenzene	6.83	146	863744	40.704	ng	100
14) 1,2-Dichlorobenzene	6.99	146	803210	40.265	ng	100
15) Benzyl Alcohol	6.96	79	635095	38.293	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	842586	34.209	ng	100
17) 2-Methylphenol	7.07	107	597433	39.712	ng	100
18) Hexachloroethane	7.33	117	309170	40.180	ng	100
19) n-Nitroso-di-n-propylamine	7.23	70	484861	34.335	ng	100
20) 3+4-Methylphenols	7.22	107	705268	38.397	ng	100
22) Acetophenone	7.23	105	974889	36.852	ng	100
24) Nitrobenzene	7.40	77	753612	36.864	ng	100
25) Isophorone	7.64	82	1336872	36.711	ng	100
26) 2-Nitrophenol	7.72	139	400170	45.903	ng	100
27) 2,4-Dimethylphenol	7.75	122	542120	36.012	ng	100
28) bis(2-Chloroethoxy)methane	7.85	93	873362	37.221	ng	100
29) 2,4-Dichlorophenol	7.96	162	653927	39.295	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	769445	39.877	ng	100
31) Naphthalene	8.12	128	2062554	40.886	ng	100
32) Benzoic acid	7.88	122	398604	35.281	ng	100
33) 4-Chloroaniline	8.17	127	913212	39.166	ng	100
34) Hexachlorobutadiene	8.25	225	468672	39.885	ng	100
35) Caprolactam	8.55	113	202756	37.230	ng	100
36) 4-Chloro-3-methylphenol	8.65	107	651965	39.673	ng	100
37) 2-Methylnaphthalene	8.82	142	1436725	40.348	ng	100
38) 1-Methylnaphthalene	8.92	142	1350315	39.915	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	776126	39.369	ng	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	310014	31.169	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	520730	39.806	ng	100
44) 2,4,5-Trichlorophenol	9.13	196	527919	39.514	ng	100
46) 1,1'-Biphenyl	9.28	154	1785062	41.109	ng	100
47) 2-Chloronaphthalene	9.30	162	1472820	40.241	ng	100
48) 2-Nitroaniline	9.40	65	424154	37.700	ng	100
49) Acenaphthylene	9.72	152	2126707	41.304	ng	100
50) Dimethylphthalate	9.58	163	1729591	42.135	ng	100
51) 2,6-Dinitrotoluene	9.64	165	396565	43.143	ng	100
52) Acenaphthene	9.89	154	1406077	40.839	ng	100
53) 3-Nitroaniline	9.81	138	434258	41.374	ng	100
54) 2,4-Dinitrophenol	9.91	184	191416	52.162	ng	100
55) Dibenzofuran	10.06	168	1967352	41.233	ng	100
56) 4-Nitrophenol	9.96	139	313992	39.628	ng	100
57) 2,4-Dinitrotoluene	10.05	165	528300	45.591	ng	100
58) Fluorene	10.40	166	1474489	39.365	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.18	232	463898	39.476	ng	100
60) Diethylphthalate	10.28	149	1693770	42.557	ng	100
61) 4-Chlorophenyl-phenylether	10.40	204	802664	39.400	ng	100
62) 4-Nitroaniline	10.42	138	434222	40.331	ng	100
63) Azobenzene	10.56	77	1451139	37.648	ng	100
65) 4,6-Dinitro-2-methylphenol	10.45	198	270056	51.839	ng	100
66) n-Nitrosodiphenylamine	10.52	169	1394869	39.041	ng	100
67) 4-Bromophenyl-phenylether	10.89	248	566133	38.679	ng	100
68) Hexachlorobenzene	10.96	284	651211	39.243	ng	100
69) Atrazine	11.04	200	454320	36.687	ng	100
70) Pentachlorophenol	11.15	266	352302	38.185	ng	100
71) Phenanthrene	11.37	178	2293289	40.123	ng	100
72) Anthracene	11.42	178	2255690	39.884	ng	100
73) Carbazole	11.57	167	2068024	39.865	ng	100
74) Di-n-butylphthalate	11.90	149	2559016	44.401	ng	100
75) Fluoranthene	12.56	202	2477016	41.089	ng	100
77) Benzidine	12.67	184	1154050	47.620	ng	100
78) Pyrene	12.79	202	2491395	40.460	ng	100
80) Butylbenzylphthalate	13.40	149	1156823	45.904	ng	100
81) Benzo(a)anthracene	13.97	228	2145456	39.322	ng	100
82) 3,3'-Dichlorobenzidine	13.93	252	914792	47.053	ng	100
83) Chrysene	14.01	228	2211207	42.286	ng	100
84) Bis(2-ethylhexyl)phthalate	13.96	149	1494605	48.544	ng	100
85) Di-n-octyl phthalate	14.57	149	2567439	56.337	ng	100
86) Indeno(1,2,3-cd)pyrene	16.87	276	2051327	45.148	ng	100
88) Benzo(b)fluoranthene	15.01	252	2363813	40.577	ng	100
89) Benzo(k)fluoranthene	15.04	252	1990454	36.880	ng	100
90) Benzo(a)pyrene	15.37	252	1967094	39.144	ng	100
91) Dibenzo(a,h)anthracene	16.89	278	1695965	38.153	ng	100
92) Benzo(g,h,i)perylene	17.31	276	1595693	36.972	ng	100

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

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