Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040820\
Data File : BF119835.D
Acq On : 8 Apr 2020 20:08
Operator : MA/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Apr 08 22:01:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 08 21:57:22 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	187732	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	700281	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	361618	20.00	ng	0.00
64) Phenanthrene-d10	11.30	188	671120	20.00	ng	0.00
76) Chrysene-d12	13.94	240	423681	20.00	ng	0.00
87) Perylene-d12	15.37	264	377512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	847037	71.83	ng	0.00
7) Phenol-d6	6.40	99	1127790	74.86	ng	0.00
23) Nitrobenzene-d5	7.34	82	1053990	81.80	ng	0.00
42) 2,4,6-Tribromophenol	10.60	330	365463	97.96	ng	0.00
45) 2-Fluorobiphenyl	9.14	172	2107613	86.34	ng	0.00
79) Terphenyl-d14	12.89	244	2191270	101.33	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.45	88	195946	33.642	ng	100
3) Pyridine	3.16	79	515622	32.134	ng	100
4) n-Nitrosodimethylamine	3.12	42	264409	33.790	ng	100
6) Aniline	6.43	93	726102	34.923	ng	100
8) 2-Chlorophenol	6.56	128	481703	38.891	ng	100
9) Benzaldehyde	6.32	77	301998	31.601	ng	100
10) Phenol	6.42	94	629588	39.167	ng	100
11) bis(2-Chloroethyl)ether	6.51	93	483690	37.624	ng	100
12) 1,3-Dichlorobenzene	6.71	146	523907	39.082	ng	100
13) 1,4-Dichlorobenzene	6.79	146	525546	39.195	ng	100
14) 1,2-Dichlorobenzene	6.94	146	498842	39.802	ng	100
15) Benzyl Alcohol	6.92	79	431838	38.108	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	958619	36.967	ng	100
17) 2-Methylphenol	7.03	107	432300	38.094	ng	100
18) Hexachloroethane	7.28	117	201124	40.930	ng	100
19) n-Nitroso-di-n-propylamine	7.19	70	368412	40.573	ng	100
20) 3+4-Methylphenols	7.18	107	548256	39.421	ng	100
22) Acetophenone	7.19	105	656601	39.240	ng	100
24) Nitrobenzene	7.36	77	530825	38.549	ng	100
25) Isophorone	7.60	82	1070131	40.942	ng	100
26) 2-Nitrophenol	7.67	139	289237	53.346	ng	100
27) 2,4-Dimethylphenol	7.71	122	419271	37.398	ng	100
28) bis(2-Chloroethoxy)methane	7.81	93	602501	38.981	ng	100
29) 2,4-Dichlorophenol	7.92	162	409468	39.750	ng	100
30) 1,2,4-Trichlorobenzene	8.00	180	459339	40.321	ng	100
31) Naphthalene	8.08	128	1418560	39.364	ng	100
32) Benzoic acid	7.85	122	349268	48.431	ng	100
33) 4-Chloroaniline	8.13	127	607941	36.816	ng	100
34) Hexachlorobutadiene	8.20	225	278771	43.736	ng	100
35) Caprolactam	8.51	113	122167	36.237	ng	100
36) 4-Chloro-3-methylphenol	8.61	107	439864	39.069	ng	100
37) 2-Methylnaphthalene	8.77	142	955740	40.410	ng	100
38) 1-Methylnaphthalene	8.87	142	966371	43.169	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.94	216	477191	45.021	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	269849	44.782	ng	100
43) 2,4,6-Trichlorophenol	9.05	196	312941	41.257	ng	100
44) 2,4,5-Trichlorophenol	9.09	196	372881	43.883	ng	100
46) 1,1'-Biphenyl	9.24	154	1249225	42.416	ng	100
47) 2-Chloronaphthalene	9.26	162	936431	40.591	ng	100
48) 2-Nitroaniline	9.36	65	331828	41.672	ng	100
49) Acenaphthylene	9.67	152	1421842	39.247	ng	100
50) Dimethylphthalate	9.54	163	1097799	42.739	ng	100
51) 2,6-Dinitrotoluene	9.60	165	240709	43.721	ng	100
52) Acenaphthene	9.85	154	923083	40.871	ng	100
53) 3-Nitroaniline	9.77	138	265229	38.158	ng	100
54) 2,4-Dinitrophenol	9.87	184	144899	71.791	ng	100
55) Dibenzofuran	10.02	168	1286148	39.719	ng	100
56) 4-Nitrophenol	9.93	139	203288	37.074	ng	100
57) 2,4-Dinitrotoluene	10.00	165	315966	45.557	ng	100
58) Fluorene	10.36	166	989702	41.331	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.14	232	267880	42.176	ng	100
60) Diethylphthalate	10.24	149	1121938	43.036	ng	100
61) 4-Chlorophenyl-phenylether	10.36	204	512745	43.787	ng	100
62) 4-Nitroaniline	10.39	138	263584	39.546	ng	100
63) Azobenzene	10.52	77	1029313	39.208	ng	100
65) 4,6-Dinitro-2-methylphenol	10.42	198	179258	63.698	ng	100
66) n-Nitrosodiphenylamine	10.47	169	880888	39.983	ng	100
67) 4-Bromophenyl-phenylether	10.85	248	338316	44.264	ng	100
68) Hexachlorobenzene	10.91	284	341156	43.611	ng	100
69) Atrazine	11.00	200	260118	43.066	ng	100
70) Pentachlorophenol	11.10	266	202800	44.213	ng	100
71) Phenanthrene	11.33	178	1412555	40.591	ng	100
72) Anthracene	11.37	178	1461072	41.311	ng	100
73) Carbazole	11.53	167	1379433	39.404	ng	100
74) Di-n-butylphthalate	11.86	149	1853795	49.502	ng	100
75) Fluoranthene	12.51	202	1493634	39.660	ng	100
77) Benzidine	12.63	184	549997	30.674	ng	100
78) Pyrene	12.74	202	1545359	44.444	ng	100
80) Butylbenzylphthalate	13.36	149	726304	51.645	ng	100
81) Benzo(a)anthracene	13.93	228	1095975	39.779	ng	100
82) 3,3'-Dichlorobenzidine	13.89	252	416717	38.360	ng	100
83) Chrysene	13.97	228	1104268	38.836	ng	100
84) Bis(2-ethylhexyl)phthalate	13.93	149	930432	55.500	ng	100
85) Di-n-octyl phthalate	14.54	149	1586131	53.796	ng	100
86) Indeno(1,2,3-cd)pyrene	16.79	276	1067973	39.881	ng	100
88) Benzo(b)fluoranthene	14.96	252	1011269	40.102	ng	100
89) Benzo(k)fluoranthene	14.99	252	1064427	44.328	ng	100
90) Benzo(a)pyrene	15.32	252	903484	39.423	ng	100
91) Dibenzo(a,h)anthracene	16.81	278	891608	44.480	ng	100
92) Benzo(g,h,i)perylene	17.22	276	840819	41.753	ng	100

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

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