Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061219\
Data File : BF114969.D
Acq On : 12 Jun 2019 11:16
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Quant Time: Jun 12 12:49:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 12:22:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	272999	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	1106630	20.00	ng	0.00
39) Acenaphthene-d10	9.68	164	529163	20.00	ng	0.00
64) Phenanthrene-d10	11.16	188	1028497	20.00	ng	0.00
76) Chrysene-d12	13.78	240	606341	20.00	ng	0.00
87) Perylene-d12	15.15	264	630097	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1329212	82.40	ng	0.00
7) Phenol-d6	6.30	99	1618877	83.20	ng	0.00
23) Nitrobenzene-d5	7.22	82	1491828	82.83	ng	0.00
42) 2,4,6-Tribromophenol	10.47	330	463356	80.50	ng	0.00
45) 2-Fluorobiphenyl	9.01	172	2579097	77.35	ng	0.00
79) Terphenyl-d14	12.74	244	2488386	81.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.28	88	314575	41.097	ng	100
3) Pyridine	2.95	79	862128	40.461	ng	100
4) n-Nitrosodimethylamine	2.90	42	317405	41.473	ng	100
6) Aniline	6.32	93	1080995	41.016	ng	100
8) 2-Chlorophenol	6.44	128	760914	41.332	ng	100
9) Benzaldehyde	6.19	77	463306	37.204	ng	100
10) Phenol	6.31	94	890451	41.043	ng	100
11) bis(2-Chloroethyl)ether	6.39	93	702804	40.645	ng	100
12) 1,3-Dichlorobenzene	6.59	146	877169	41.054	ng	100
13) 1,4-Dichlorobenzene	6.67	146	889292	41.506	ng	100
14) 1,2-Dichlorobenzene	6.82	146	816900	42.006	ng	100
15) Benzyl Alcohol	6.80	79	595531	42.418	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.93	45	939080	39.489	ng	100
17) 2-Methylphenol	6.92	107	641183	41.595	ng	100
18) Hexachloroethane	7.16	117	322403	40.831	ng	100
19) n-Nitroso-di-n-propylamine	7.08	70	480623	39.503	ng	100
20) 3+4-Methylphenols	7.07	107	722701	41.872	ng	100
22) Acetophenone	7.07	105	1010547	40.795	ng	100
24) Nitrobenzene	7.24	77	778587	41.555	ng	100
25) Isophorone	7.48	82	1390187	39.416	ng	100
26) 2-Nitrophenol	7.55	139	429747	41.285	ng	100
27) 2,4-Dimethylphenol	7.60	122	615230	40.390	ng	100
28) bis(2-Chloroethoxy)methane	7.69	93	903245	40.034	ng	100
29) 2,4-Dichlorophenol	7.80	162	659471	41.342	ng	100
30) 1,2,4-Trichlorobenzene	7.88	180	752186	41.089	ng	100
31) Naphthalene	7.96	128	2147150	42.108	ng	100
32) Benzoic acid	7.74	122	440795	38.742	ng	100
33) 4-Chloroaniline	8.00	127	996927	41.430	ng	100
34) Hexachlorobutadiene	8.08	225	417216	40.634	ng	100
35) Caprolactam	8.39	113	217904	40.553	ng	100
36) 4-Chloro-3-methylphenol	8.50	107	658320	40.633	ng	100
37) 2-Methylnaphthalene	8.65	142	1409919	40.690	ng	100
38) 1-Methylnaphthalene	8.75	142	1343095	40.984	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.82	216	649405	42.684	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	335347	38.777 ng	100
43) 2,4,6-Trichlorophenol	8.93	196	486523	42.113 ng	100
44) 2,4,5-Trichlorophenol	8.97	196	488010	40.968 ng	100
46) 1,1'-Biphenyl	9.11	154	1679690	42.429 ng	100
47) 2-Chloronaphthalene	9.13	162	1414892	42.337 ng	100
48) 2-Nitroaniline	9.23	65	423392	41.621 ng	100
49) Acenaphthylene	9.55	152	2101549	42.673 ng	100
50) Dimethylphthalate	9.42	163	1618526	40.696 ng	100
51) 2,6-Dinitrotoluene	9.47	165	376445	41.210 ng	100
52) Acenaphthene	9.72	154	1238259	41.503 ng	100
53) 3-Nitroaniline	9.64	138	458960	41.840 ng	100
54) 2,4-Dinitrophenol	9.75	184	187870	41.553 ng	100
55) Dibenzofuran	9.89	168	1815417	42.626 ng	100
56) 4-Nitrophenol	9.80	139	321968	41.184 ng	100
57) 2,4-Dinitrotoluene	9.87	165	481804	41.727 ng	100
58) Fluorene	10.23	166	1310175	39.907 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.01	232	394019	40.916 ng	100
60) Diethylphthalate	10.11	149	1544694	39.961 ng	100
61) 4-Chlorophenyl-phenylether	10.22	204	641825	39.051 ng	100
62) 4-Nitroaniline	10.25	138	458600	40.794 ng	100
63) Azobenzene	10.38	77	1382165	41.081 ng	100
65) 4,6-Dinitro-2-methylphenol	10.28	198	243110	42.149 ng	100
66) n-Nitrosodiphenylamine	10.34	169	1260436	41.250 ng	100
67) 4-Bromophenyl-phenylether	10.71	248	448705	40.277 ng	100
68) Hexachlorobenzene	10.77	284	500088	40.650 ng	100
69) Atrazine	10.87	200	403789	39.218 ng	100
70) Pentachlorophenol	10.97	266	280034	40.593 ng	100
71) Phenanthrene	11.18	178	2102552	42.135 ng	100
72) Anthracene	11.23	178	2095774	41.379 ng	100
73) Carbazole	11.39	167	1914237	41.513 ng	100
74) Di-n-butylphthalate	11.73	149	2351136	41.256 ng	100
75) Fluoranthene	12.36	202	2149890	41.654 ng	100
77) Benzidine	12.48	184	1021149	38.483 ng	100
78) Pyrene	12.59	202	2175454	41.196 ng	100
80) Butylbenzylphthalate	13.22	149	1039557	39.959 ng	100
81) Benzo(a)anthracene	13.77	228	1844540	41.142 ng	100
82) 3,3'-Dichlorobenzidine	13.74	252	739999	40.436 ng	100
83) Chrysene	13.81	228	1816727	40.353 ng	100
84) Bis(2-ethylhexyl)phthalate	13.78	149	1214905	39.874 ng	100
85) Di-n-octyl phthalate	14.39	149	2160199	38.812 ng	100
86) Indeno(1,2,3-cd)pyrene	16.46	276	1530733	36.166 ng	100
88) Benzo(b)fluoranthene	14.77	252	1670183	40.715 ng	100
89) Benzo(k)fluoranthene	14.80	252	1541582	43.303 ng	100
90) Benzo(a)pyrene	15.10	252	1471990	41.313 ng	100
91) Dibenzo(a,h)anthracene	16.47	278	1245938	41.398 ng	100
92) Benzo(g,h,i)perylene	16.85	276	1255854	41.862 ng	100

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

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