Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040319\
Data File : BF113546.D
Acq On : 3 Apr 2019 13:54
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
4/4/2019 10:57:33 AM

Quant Time: Apr 03 14:37:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 14:08:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	141918	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	545609	20.00	ng	0.00
39) Acenaphthene-d10	9.73	164	259297	20.00	ng	0.00
64) Phenanthrene-d10	11.21	188	496771	20.00	ng	0.00
76) Chrysene-d12	13.84	240	301790	20.00	ng	0.00
87) Perylene-d12	15.25	264	279988	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1218539	140.40	ng	0.00
7) Phenol-d6	6.35	99	1466936	133.60	ng	0.01
23) Nitrobenzene-d5	7.26	82	1407363	153.10	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	443017	138.32	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	2274098	128.61	ng	0.00
79) Terphenyl-d14	12.80	244	2204663	161.02	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.33	88	304304	69.103	ng	99
3) Pyridine	3.03	79	819006	75.443	ng	99
4) n-Nitrosodimethylamine	3.00	42	354724	73.501	ng	99
6) Aniline	6.36	93	911056	68.136	ng	97
8) 2-Chlorophenol	6.48	128	699960	69.447	ng	97
9) Benzaldehyde	6.23	77	386560	52.465	ng	98
10) Phenol	6.36	94	845286	67.434	ng	90
11) bis(2-Chloroethyl)ether	6.43	93	685149	71.306	ng	97
12) 1,3-Dichlorobenzene	6.63	146	764872	70.401	ng	97
13) 1,4-Dichlorobenzene	6.70	146	773524	73.739	ng	99
14) 1,2-Dichlorobenzene	6.86	146	671064	65.025	ng	99
15) Benzyl Alcohol	6.85	79	499151	68.909	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	1029960	71.354	ng	97
17) 2-Methylphenol	6.96	107	546129	69.141	ng	95
18) Hexachloroethane	7.20	117	284836	75.599	ng	95
19) n-Nitroso-di-n-propylamine	7.12	70	458325	66.454	ng	96
20) 3+4-Methylphenols	7.12	107	622376	62.917	ng	89
22) Acetophenone	7.11	105	894989	71.928	ng	98
24) Nitrobenzene	7.28	77	731236	76.230	ng	95
25) Isophorone	7.53	82	1382529	77.606	ng	100
26) 2-Nitrophenol	7.59	139	402426	79.368	ng	100
27) 2,4-Dimethylphenol	7.65	122	556486	76.297	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	853527	76.082	ng	100
29) 2,4-Dichlorophenol	7.85	162	591266	74.806	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	648672	76.068	ng	99
31) Naphthalene	8.00	128	1924041	72.163	ng	99
32) Benzoic acid	7.83	122	469644	79.993	ng	99
33) 4-Chloroaniline	8.05	127	781044	75.122	ng	99
34) Hexachlorobutadiene	8.12	225	389373	76.824	ng	98
35) Caprolactam	8.46	113	189823m	74.830	ng	
36) 4-Chloro-3-methylphenol	8.55	107	597762	75.191	ng	98
37) 2-Methylnaphthalene	8.69	142	1259430	75.703	ng	99
38) 1-Methylnaphthalene	8.79	142	1202639	75.155	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	617720	74.215	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	234910	66.677	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	401710	74.114	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	429668	71.630	ng	99
46) 1,1'-Biphenyl	9.16	154	1517219	70.059	ng	98
47) 2-Chloronaphthalene	9.18	162	1186572	71.162	ng	98
48) 2-Nitroaniline	9.28	65	374090	71.491	ng	98
49) Acenaphthylene	9.59	152	1835737	68.089	ng	99
50) Dimethylphthalate	9.46	163	1433709	74.610	ng	99
51) 2,6-Dinitrotoluene	9.53	165	313969	72.425	ng	98
52) Acenaphthene	9.76	154	1082675	71.308	ng	99
53) 3-Nitroaniline	9.70	138	353275	72.263	ng	98
54) 2,4-Dinitrophenol	9.81	184	162120	75.191	ng	95
55) Dibenzofuran	9.93	168	1524952	66.810	ng	98
56) 4-Nitrophenol	9.87	139	234460	67.270	ng	91
57) 2,4-Dinitrotoluene	9.94	165	357609	64.868	ng	100
58) Fluorene	10.28	166	1210268	68.255	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.06	232	373191	73.571	ng	99
60) Diethylphthalate	10.16	149	1328174	70.457	ng	99
61) 4-Chlorophenyl-phenylether	10.27	204	604469	69.945	ng	99
62) 4-Nitroaniline	10.32	138	362586	72.036	ng	98
63) Azobenzene	10.43	77	1263741	71.218	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	213063	78.402	ng	98
66) n-Nitrosodiphenylamine	10.39	169	1127282	73.951	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	413059	76.289	ng	99
68) Hexachlorobenzene	10.83	284	472075	75.115	ng	98
69) Atrazine	10.93	200	350901	72.931	ng	99
70) Pentachlorophenol	11.03	266	243684	74.422	ng	99
71) Phenanthrene	11.24	178	1772923	71.866	ng	99
72) Anthracene	11.29	178	1775608	70.860	ng	99
73) Carbazole	11.45	167	1675065	70.055	ng	99
74) Di-n-butylphthalate	11.77	149	2011230	72.535	ng	99
75) Fluoranthene	12.42	202	1830260	65.627	ng	100
77) Benzidine	12.54	184	650163	56.257	ng	95
78) Pyrene	12.65	202	1811651	86.628	ng	99
80) Butylbenzylphthalate	13.26	149	742690	80.582	ng	96
81) Benzo(a)anthracene	13.84	228	1307173	75.669	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	473044	68.258	ng	100
83) Chrysene	13.87	228	1348697	76.864	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	873863	77.343	ng	100
85) Di-n-octyl phthalate	14.43	149	1434887	74.817	ng	100
86) Indeno(1,2,3-cd)pyrene	16.63	276	1482996	98.480	ng	100
88) Benzo(b)fluoranthene	14.86	252	1224603	70.409	ng	99
89) Benzo(k)fluoranthene	14.89	252	1153668	75.531	ng	100
90) Benzo(a)pyrene	15.20	252	1143140	74.137	ng	99
91) Dibenzo(a,h)anthracene	16.64	278	1197073	89.786	ng	99
92) Benzo(g,h,i)perylene	17.04	276	1274746	94.826	ng	98

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

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