Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081820\
Data File : BF121320.D
Acq On : 18 Aug 2020 12:03
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Aug 18 13:03:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 18 12:15:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	95074	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	361272	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	195437	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	372269	20.00	ng		0.00
76) Chrysene-d12	13.86	240	302864	20.00	ng		0.00
86) Perylene-d12	15.27	264	339053	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	550540	87.79	ng		0.00
7) Phenol-d6	6.34	99	700552	86.69	ng		0.00
23) Nitrobenzene-d5	7.26	82	590082	89.27	ng		0.00
42) 2,4,6-Tribromophenol	10.53	330	214804	89.27	ng		0.00
45) 2-Fluorobiphenyl	9.06	172	1083700	76.70	ng		0.00
79) Terphenyl-d14	12.81	244	1294548	83.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	122066	45.739	ng		100
3) Pyridine	2.96	79	319411	45.978	ng		98
4) n-Nitrosodimethylamine	2.91	42	130270	45.786	ng		99
6) Aniline	6.36	93	409573	42.754	ng	#	82
8) 2-Chlorophenol	6.48	128	290180	42.081	ng		98
9) Benzaldehyde	6.25	77	201125	48.295	ng		99
10) Phenol	6.35	94	353165	40.286	ng		99
11) bis(2-Chloroethyl)ether	6.44	93	282127	44.585	ng		95
12) 1,3-Dichlorobenzene	6.63	146	322988	44.329	ng		100
13) 1,4-Dichlorobenzene	6.72	146	322899	43.846	ng		99
14) 1,2-Dichlorobenzene	6.87	146	299384	43.074	ng		99
15) Benzyl Alcohol	6.85	79	217661	40.208	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.98	45	429068	47.089	ng		100
17) 2-Methylphenol	6.96	107	235822	43.294	ng		98
18) Hexachloroethane	7.21	117	121258	46.560	ng		90
19) n-Nitroso-di-n-propylamine	7.12	70	185866	41.395	ng		99
20) 3+4-Methylphenols	7.12	107	279066	40.381	ng	#	87
22) Acetophenone	7.11	105	390325	41.948	ng	#	98
24) Nitrobenzene	7.29	77	305788	42.633	ng		96
25) Isophorone	7.52	82	533893	40.228	ng		99
26) 2-Nitrophenol	7.60	139	156662	45.078	ng		97
27) 2,4-Dimethylphenol	7.65	122	221334	39.749	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	366986	49.437	ng		100
29) 2,4-Dichlorophenol	7.85	162	245139	43.051	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	276243	43.955	ng		99
31) Naphthalene	8.00	128	831623	40.916	ng		99
32) Benzoic acid	7.78	122	165707	62.135	ng		95
33) 4-Chloroaniline	8.06	127	362191	43.666	ng		98
34) Hexachlorobutadiene	8.12	225	168035	44.191	ng		99
35) Caprolactam	8.43	113	81157	47.319	ng		94
36) 4-Chloro-3-methylphenol	8.55	107	246981	42.513	ng		100
37) 2-Methylnaphthalene	8.69	142	554793	41.480	ng		98
38) 1-Methylnaphthalene	8.79	142	521152	41.153	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	268385	40.984	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.85	237	93368	65.657 ng	99
43) 2,4,6-Trichlorophenol	8.98	196	183468	44.053 ng	98
44) 2,4,5-Trichlorophenol	9.02	196	193301	42.732 ng	99
46) 1,1'-Biphenyl	9.16	154	675575	40.006 ng	99
47) 2-Chloronaphthalene	9.19	162	548394	42.187 ng	98
48) 2-Nitroaniline	9.29	65	172654	47.253 ng	93
49) Acenaphthylene	9.60	152	828494	40.127 ng	100
50) Dimethylphthalate	9.47	163	650459	44.230 ng	99
51) 2,6-Dinitrotoluene	9.53	165	140869	42.971 ng	94
52) Acenaphthene	9.77	154	502670	41.121 ng	99
53) 3-Nitroaniline	9.70	138	172824	46.172 ng	92
54) 2,4-Dinitrophenol	9.81	184	72266	74.471 ng	99
55) Dibenzofuran	9.95	168	737603	37.891 ng	97
56) 4-Nitrophenol	9.87	139	111875	46.314 ng	99
57) 2,4-Dinitrotoluene	9.93	165	180386	41.929 ng	97
58) Fluorene	10.29	166	562109	38.146 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	163731	45.778 ng	99
60) Diethylphthalate	10.16	149	659387	44.092 ng	99
61) 4-Chlorophenyl-phenylether	10.28	204	283406	39.544 ng	97
62) 4-Nitroaniline	10.32	138	181896	48.469 ng	100
63) Azobenzene	10.44	77	604563	40.459 ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	98847	47.929 ng	89
66) n-Nitrosodiphenylamine	10.40	169	525441	41.164 ng	99
67) 4-Bromophenyl-phenylether	10.77	248	193895	44.652 ng	98
68) Hexachlorobenzene	10.83	284	223557	45.147 ng	99
69) Atrazine	10.93	200	174354	45.666 ng	99
70) Pentachlorophenol	11.03	266	107752	59.052 ng	99
71) Phenanthrene	11.25	178	867102	40.714 ng	99
72) Anthracene	11.30	178	860501	40.263 ng	99
73) Carbazole	11.46	167	821965	39.326 ng	99
74) Di-n-butylphthalate	11.79	149	1078573	45.717 ng	99
75) Fluoranthene	12.43	202	975787	41.147 ng	99
77) Benzidine	12.56	184	464427	58.331 ng	100
78) Pyrene	12.66	202	999577	44.320 ng	100
80) Butylbenzylphthalate	13.29	149	469646	50.979 ng	96
81) Benzo(a)anthracene	13.85	228	817440	39.794 ng	100
82) 3,3'-Dichlorobenzidine	13.82	252	348243	42.729 ng	98
83) Chrysene	13.89	228	891899	42.526 ng	99
84) Bis(2-ethylhexyl)phthalate	13.85	149	573403	45.157 ng	99
85) Di-n-octyl phthalate	14.46	149	1156624	49.680 ng	100
87) Indeno(1,2,3-cd)pyrene	16.64	276	1094789	43.430 ng	100
88) Benzo(b)fluoranthene	14.87	252	948843	41.767 ng	99
89) Benzo(k)fluoranthene	14.90	252	873681	41.414 ng	99
90) Benzo(a)pyrene	15.22	252	869802	42.420 ng	99
91) Dibenzo(a,h)anthracene	16.66	278	889964	41.202 ng	99
92) Benzo(g,h,i)perylene	17.06	276	900787	42.259 ng	100

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

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