Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119413.D
Acq On : 18 Mar 2020 13:38
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
3/19/2020 2:43:51 PM

Quant Time: Mar 18 14:48:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 18 14:23:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	307647	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	1047015	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	529951	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	986374	20.00	ng		0.00
76) Chrysene-d12	14.04	240	610315	20.00	ng		0.00
87) Perylene-d12	15.50	264	529881	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	2629636	142.85	ng		0.01
7) Phenol-d6	6.49	99	3327163	148.61	ng		0.02
23) Nitrobenzene-d5	7.43	82	2960238	149.28	ng		0.01
42) 2,4,6-Tribromophenol	10.70	330	815561	117.64	ng		0.00
45) 2-Fluorobiphenyl	9.23	172	4574869	127.17	ng		0.00
79) Terphenyl-d14	12.99	244	4609935	130.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	677012	82.600	ng		97
3) Pyridine	3.35	79	1884206	84.175	ng		99
4) n-Nitrosodimethylamine	3.32	42	929816	137.123	ng		100
6) Aniline	6.53	93	2393272	86.632	ng		100
8) 2-Chlorophenol	6.65	128	1392477	70.091	ng		95
9) Benzaldehyde	6.41	77	1065020	71.200	ng		99
10) Phenol	6.50	94	1775191m	73.336	ng		
11) bis(2-Chloroethyl)ether	6.60	93	1469328	79.332	ng		95
12) 1,3-Dichlorobenzene	6.80	146	1508206	63.339	ng		99
13) 1,4-Dichlorobenzene	6.88	146	1499275	62.921	ng		98
14) 1,2-Dichlorobenzene	7.03	146	1371148	63.096	ng		98
15) Benzyl Alcohol	7.00	79	1295510	80.063	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.14	45	2963719	184.724	ng		98
17) 2-Methylphenol	7.11	107	1294463	80.366	ng		99
18) Hexachloroethane	7.37	117	581646	68.230	ng		97
19) n-Nitroso-di-n-propylamine	7.29	70	1055531	80.909	ng		99
20) 3+4-Methylphenols	7.27	107	1493805	75.699	ng		91
22) Acetophenone	7.27	105	1780354	73.492	ng	#	89
24) Nitrobenzene	7.45	77	1558737	79.488	ng		95
25) Isophorone	7.69	82	2964536	86.082	ng		98
26) 2-Nitrophenol	7.76	139	698462	67.224	ng		97
27) 2,4-Dimethylphenol	7.80	122	1239119	87.873	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	1712580	76.400	ng		98
29) 2,4-Dichlorophenol	8.00	162	1159118	69.824	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	1257503	63.890	ng		98
31) Naphthalene	8.17	128	3762408	69.289	ng		96
32) Benzoic acid	7.94	122	910674	94.788	ng		99
33) 4-Chloroaniline	8.22	127	1781395	76.275	ng		99
34) Hexachlorobutadiene	8.29	225	708239	57.768	ng		98
35) Caprolactam	8.61	113	382279m	74.787	ng		
36) 4-Chloro-3-methylphenol	8.70	107	1254756	74.685	ng		100
37) 2-Methylnaphthalene	8.86	142	2517417	68.891	ng		99
38) 1-Methylnaphthalene	8.96	142	2377866	69.192	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	1099275	61.523	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	681740	130.102	ng		99
43) 2,4,6-Trichlorophenol	9.13	196	834987	74.002	ng		97
44) 2,4,5-Trichlorophenol	9.17	196	917845	77.519	ng		97
46) 1,1'-Biphenyl	9.33	154	2989675	69.802	ng		97
47) 2-Chloronaphthalene	9.35	162	2390784	69.267	ng		98
48) 2-Nitroaniline	9.45	65	935559	97.182	ng		97
49) Acenaphthylene	9.77	152	3679954	73.820	ng		98
50) Dimethylphthalate	9.63	163	2734961	67.490	ng		98
51) 2,6-Dinitrotoluene	9.69	165	640209	71.108	ng		93
52) Acenaphthene	9.95	154	2370535	78.863	ng		98
53) 3-Nitroaniline	9.86	138	779650	78.111	ng		99
54) 2,4-Dinitrophenol	9.96	184	289751	78.063	ng		89
55) Dibenzofuran	10.12	168	3276815	73.036	ng		97
56) 4-Nitrophenol	10.01	139	620038	103.392	ng		88
57) 2,4-Dinitrotoluene	10.09	165	834201	71.483	ng	#	85
58) Fluorene	10.46	166	2407540	69.057	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	691824	69.246	ng		97
60) Diethylphthalate	10.33	149	2790646	73.074	ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	1180785	63.986	ng		99
62) 4-Nitroaniline	10.48	138	751939	73.633	ng		100
63) Azobenzene	10.61	77	2781271	83.787	ng		98
65) 4,6-Dinitro-2-methylphenol	10.50	198	386094	64.687	ng		91
66) n-Nitrosodiphenylamine	10.57	169	2325019	71.988	ng		99
67) 4-Bromophenyl-phenylether	10.94	248	824444	63.944	ng		99
68) Hexachlorobenzene	11.00	284	834555	56.142	ng		99
69) Atrazine	11.10	200	655477	58.087	ng		99
70) Pentachlorophenol	11.19	266	529145	88.367	ng		99
71) Phenanthrene	11.42	178	3508803	65.229	ng		97
72) Anthracene	11.47	178	3580134	66.611	ng		98
73) Carbazole	11.62	167	3572877	74.618	ng		97
74) Di-n-butylphthalate	11.96	149	3979010	68.621	ng	#	96
75) Fluoranthene	12.61	202	3774369	66.103	ng		98
77) Benzidine	12.73	184	1955836	78.798	ng	#	93
78) Pyrene	12.84	202	3854371	78.648	ng		97
80) Butylbenzylphthalate	13.46	149	1691716	82.019	ng		95
81) Benzo(a)anthracene	14.03	228	2860602	68.790	ng		99
82) 3,3'-Dichlorobenzidine	13.99	252	1124968	69.668	ng		95
83) Chrysene	14.07	228	2964300	71.540	ng		98
84) Bis(2-ethylhexyl)phthalate	14.02	149	1902184	72.998	ng		99
85) Di-n-octyl phthalate	14.63	149	3296159	79.391	ng		99
86) Indeno(1,2,3-cd)pyrene	16.99	276	2650158	66.054	ng		99
88) Benzo(b)fluoranthene	15.08	252	2746667	78.641	ng		100
89) Benzo(k)fluoranthene	15.11	252	2528457	78.117	ng		99
90) Benzo(a)pyrene	15.44	252	2442976	77.500	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	2133601	76.925	ng		99
92) Benzo(g,h,i)perylene	17.43	276	2203971	80.423	ng		100

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

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