Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020320\
Data File : BF118792.D
Acq On : 3 Feb 2020 11:50
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 03 15:38:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF020320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 03 14:01:32 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
2/4/2020 6:13:34 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	293077	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1108482	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	637911	20.00	ng		0.00
64) Phenanthrene-d10	11.34	188	1193449	20.00	ng		0.00
76) Chrysene-d12	13.98	240	989304	20.00	ng		0.00
87) Perylene-d12	15.43	264	1089832	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	703750	44.60	ng		0.00
7) Phenol-d6	6.44	99	870931	42.46	ng		-0.01
23) Nitrobenzene-d5	7.37	82	804356	40.59	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	334764	45.37	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	1725046	44.45	ng		0.00
79) Terphenyl-d14	12.92	244	2207884	48.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	152778	19.989	ng		99
3) Pyridine	3.30	79	410338	19.048	ng		99
4) n-Nitrosodimethylamine	3.22	42	149872	16.228	ng		97
6) Aniline	6.47	93	560509	20.754	ng		100
8) 2-Chlorophenol	6.60	128	388129	21.913	ng		99
9) Benzaldehyde	6.36	77	269891	21.637	ng		98
10) Phenol	6.46	94	490406	20.981	ng		92
11) bis(2-Chloroethyl)ether	6.55	93	362724	20.916	ng		99
12) 1,3-Dichlorobenzene	6.76	146	461969	22.284	ng		98
13) 1,4-Dichlorobenzene	6.83	146	463461	22.271	ng		99
14) 1,2-Dichlorobenzene	6.99	146	439241	22.453	ng		100
15) Benzyl Alcohol	6.95	79	335286	20.614	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	450884	18.666	ng		99
17) 2-Methylphenol	7.07	107	314466	21.314	ng		98
18) Hexachloroethane	7.33	117	161682	21.426	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	265360	19.161	ng		96
20) 3+4-Methylphenols	7.22	107	393398	21.840	ng		99
22) Acetophenone	7.22	105	539850	20.559	ng	#	98
24) Nitrobenzene	7.39	77	404155	19.917	ng		99
25) Isophorone	7.63	82	713463	19.738	ng		99
26) 2-Nitrophenol	7.71	139	203681	23.538	ng		98
27) 2,4-Dimethylphenol	7.75	122	286657	19.184	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	469338	20.151	ng		98
29) 2,4-Dichlorophenol	7.95	162	344270	20.842	ng		100
30) 1,2,4-Trichlorobenzene	8.04	180	413787	21.604	ng		99
31) Naphthalene	8.12	128	1152123	23.008	ng		99
32) Benzoic acid	7.85	122	210452	18.766	ng		98
33) 4-Chloroaniline	8.16	127	494986	21.387	ng		99
34) Hexachlorobutadiene	8.25	225	253047	21.695	ng		99
35) Caprolactam	8.52	113	104891m	19.404	ng		
36) 4-Chloro-3-methylphenol	8.65	107	347521	21.305	ng		99
37) 2-Methylnaphthalene	8.81	142	794425	22.476	ng		99
38) 1-Methylnaphthalene	8.91	142	748190	22.281	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	431383	21.613	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	142378	14.138	ng		98
43) 2,4,6-Trichlorophenol	9.09	196	275975	20.836	ng		99
44) 2,4,5-Trichlorophenol	9.13	196	280782	20.757	ng		98
46) 1,1'-Biphenyl	9.27	154	1013672	23.056	ng		98
47) 2-Chloronaphthalene	9.30	162	823991	22.236	ng		98
48) 2-Nitroaniline	9.39	65	220947	19.396	ng		98
49) Acenaphthylene	9.72	152	1196782	22.957	ng		99
50) Dimethylphthalate	9.57	163	952604	22.921	ng		99
51) 2,6-Dinitrotoluene	9.63	165	211009	22.673	ng		97
52) Acenaphthene	9.89	154	768072	22.034	ng		98
53) 3-Nitroaniline	9.80	138	232154	21.846	ng		95
54) 2,4-Dinitrophenol	9.90	184	88999	23.954	ng		96
55) Dibenzofuran	10.06	168	1114306	23.067	ng		97
56) 4-Nitrophenol	9.96	139	161977	20.191	ng		96
57) 2,4-Dinitrotoluene	10.03	165	278920	23.774	ng		88
58) Fluorene	10.40	166	850477	22.426	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	248296	20.869	ng		99
60) Diethylphthalate	10.27	149	936506	23.241	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	460682	22.335	ng		98
62) 4-Nitroaniline	10.41	138	229767	21.078	ng		97
63) Azobenzene	10.55	77	807499	20.692	ng		97
65) 4,6-Dinitro-2-methylphenol	10.45	198	130036	24.779	ng		95
66) n-Nitrosodiphenylamine	10.51	169	775916	21.558	ng		99
67) 4-Bromophenyl-phenylether	10.88	248	311958	21.157	ng		99
68) Hexachlorobenzene	10.96	284	357779	21.403	ng	#	91
69) Atrazine	11.03	200	260651	20.894	ng		99
70) Pentachlorophenol	11.15	266	180352	19.405	ng		98
71) Phenanthrene	11.36	178	1324544	23.005	ng		98
72) Anthracene	11.42	178	1305806	22.920	ng		97
73) Carbazole	11.56	167	1160808	22.213	ng		98
74) Di-n-butylphthalate	11.90	149	1475988	25.422	ng		99
75) Fluoranthene	12.55	202	1451614	23.904	ng		99
77) Benzidine	12.67	184	663013	25.082	ng		98
78) Pyrene	12.78	202	1454868	21.661	ng		98
80) Butylbenzylphthalate	13.40	149	637471	23.191	ng		98
81) Benzo(a)anthracene	13.97	228	1315191	22.100	ng		98
82) 3,3'-Dichlorobenzidine	13.93	252	547829	25.834	ng		98
83) Chrysene	14.00	228	1316378	23.080	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	874670	26.045	ng		100
85) Di-n-octyl phthalate	14.57	149	1507165	30.320	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	1356992	27.381	ng		100
88) Benzo(b)fluoranthene	15.01	252	1412653	20.622	ng		98
89) Benzo(k)fluoranthene	15.03	252	1280240	20.172	ng		99
90) Benzo(a)pyrene	15.36	252	1234240	20.886	ng		100
91) Dibenzo(a,h)anthracene	16.88	278	1123797	21.499	ng		99
92) Benzo(g,h,i)perylene	17.30	276	1052960	20.747	ng		98

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

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