Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031220\
Data File : BF119371.D
Acq On : 12 Mar 2020 9:50
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 12 23:50:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
3/16/2020 1:47:15 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	112400	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	423668	20.00	ng		0.00
39) Acenaphthene-d10	9.76	164	232167	20.00	ng		0.00
64) Phenanthrene-d10	11.25	188	430137	20.00	ng		0.00
76) Chrysene-d12	13.90	240	312439	20.00	ng		0.01
87) Perylene-d12	15.33	264	281331	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	571029	84.90	ng		0.00
7) Phenol-d6	6.38	99	678401	82.94	ng		0.00
23) Nitrobenzene-d5	7.29	82	656024	81.76	ng		0.00
42) 2,4,6-Tribromophenol	10.56	330	230752	75.98	ng		0.00
45) 2-Fluorobiphenyl	9.08	172	1229023	77.99	ng		0.00
79) Terphenyl-d14	12.83	244	1482244	81.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	111008	37.070	ng		97
3) Pyridine	3.09	79	294576	36.020	ng		99
4) n-Nitrosodimethylamine	3.05	42	98382	39.711	ng		90
6) Aniline	6.39	93	411003	40.721	ng	#	66
8) 2-Chlorophenol	6.52	128	302832	41.722	ng		99
9) Benzaldehyde	6.28	77	187229	34.259	ng		97
10) Phenol	6.39	94	362164	40.951	ng		81
11) bis(2-Chloroethyl)ether	6.46	93	270504	39.975	ng		96
12) 1,3-Dichlorobenzene	6.66	146	351339	40.385	ng		99
13) 1,4-Dichlorobenzene	6.74	146	360907	41.457	ng		98
14) 1,2-Dichlorobenzene	6.89	146	330039	41.569	ng		99
15) Benzyl Alcohol	6.88	79	261093	44.164	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	232460	39.657	ng	#	29
17) 2-Methylphenol	7.00	107	240267	40.828	ng	#	92
18) Hexachloroethane	7.23	117	126645	40.662	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	208127	43.666	ng		95
20) 3+4-Methylphenols	7.16	107	326651	45.307	ng		89
22) Acetophenone	7.14	105	411486	41.977	ng	#	94
24) Nitrobenzene	7.31	77	327943	41.329	ng		94
25) Isophorone	7.55	82	543399	38.994	ng		99
26) 2-Nitrophenol	7.63	139	165436	39.349	ng		93
27) 2,4-Dimethylphenol	7.67	122	221927	38.894	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	349082	38.486	ng		98
29) 2,4-Dichlorophenol	7.89	162	265378	39.506	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	302501	37.982	ng		98
31) Naphthalene	8.03	128	873246	39.743	ng		98
32) Benzoic acid	7.85	122	138094	35.232	ng		100
33) 4-Chloroaniline	8.09	127	378803	40.083	ng		99
34) Hexachlorobutadiene	8.14	225	191499	38.601	ng		97
35) Caprolactam	8.47	113	82296m	39.788	ng		
36) 4-Chloro-3-methylphenol	8.59	107	279270	41.080	ng		100
37) 2-Methylnaphthalene	8.72	142	585488	39.596	ng		99
38) 1-Methylnaphthalene	8.82	142	547309	39.357	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	302265	38.615	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	69057	30.785	ng		98
43) 2,4,6-Trichlorophenol	9.01	196	181437	36.705	ng		97
44) 2,4,5-Trichlorophenol	9.07	196	172945	33.341	ng		99
46) 1,1'-Biphenyl	9.18	154	738517	39.359	ng		99
47) 2-Chloronaphthalene	9.21	162	593465	39.248	ng		98
48) 2-Nitroaniline	9.32	65	181379	43.007	ng		94
49) Acenaphthylene	9.62	152	851686	38.998	ng		99
50) Dimethylphthalate	9.49	163	689569	38.842	ng		99
51) 2,6-Dinitrotoluene	9.56	165	151101	38.309	ng	#	80
52) Acenaphthene	9.79	154	526565	39.987	ng		99
53) 3-Nitroaniline	9.73	138	174987	40.018	ng		93
54) 2,4-Dinitrophenol	9.87	184	54840	33.409	ng	#	84
55) Dibenzofuran	9.97	168	768368	39.092	ng		98
56) 4-Nitrophenol	9.93	139	73710	28.056	ng		98
57) 2,4-Dinitrotoluene	9.97	165	202022	39.515	ng		88
58) Fluorene	10.31	166	625190	40.934	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	162539	37.136	ng		97
60) Diethylphthalate	10.19	149	668437	39.953	ng		99
61) 4-Chlorophenyl-phenylether	10.30	204	328317	40.611	ng		97
62) 4-Nitroaniline	10.35	138	167849	37.519	ng		92
63) Azobenzene	10.46	77	595011	40.916	ng		94
65) 4,6-Dinitro-2-methylphenol	10.39	198	95871	36.834	ng		93
66) n-Nitrosodiphenylamine	10.42	169	551202	39.136	ng		99
67) 4-Bromophenyl-phenylether	10.79	248	213594	37.990	ng		97
68) Hexachlorobenzene	10.86	284	249868	38.546	ng		96
69) Atrazine	10.95	200	163605	33.247	ng		99
70) Pentachlorophenol	11.07	266	93607	35.847	ng		100
71) Phenanthrene	11.27	178	936244	39.912	ng		98
72) Anthracene	11.33	178	941420	40.166	ng		98
73) Carbazole	11.49	167	858708	41.125	ng		98
74) Di-n-butylphthalate	11.80	149	1005710	39.773	ng		99
75) Fluoranthene	12.46	202	991155	39.806	ng		99
77) Benzidine	12.59	184	471527	37.109	ng		99
78) Pyrene	12.69	202	998404	39.795	ng		98
80) Butylbenzylphthalate	13.30	149	416470	39.442	ng		94
81) Benzo(a)anthracene	13.89	228	868142	40.780	ng		99
82) 3,3'-Dichlorobenzidine	13.85	252	327623	39.633	ng		99
83) Chrysene	13.92	228	847145	39.937	ng		99
84) Bis(2-ethylhexyl)phthalate	13.86	149	531083	39.812	ng	#	97
85) Di-n-octyl phthalate	14.47	149	804772	37.864	ng		99
86) Indeno(1,2,3-cd)pyrene	16.75	276	685125	33.357	ng		99
88) Benzo(b)fluoranthene	14.92	252	735043	39.638	ng		99
89) Benzo(k)fluoranthene	14.95	252	742037	43.180	ng		97
90) Benzo(a)pyrene	15.27	252	661304	39.513	ng		98
91) Dibenzo(a,h)anthracene	16.75	278	560314	38.049	ng		99
92) Benzo(g,h,i)perylene	17.18	276	548102	37.670	ng		99

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

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