Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121202.D
Acq On : 6 Aug 2020 15:03
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
8/7/2020 1:50:48 PM

Quant Time: Aug 06 17:46:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	158374	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	577432	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	297920	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	561272	20.00	ng		0.00
76) Chrysene-d12	13.96	240	411416	20.00	ng		0.00
86) Perylene-d12	15.41	264	373312	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	737749	76.37	ng		0.00
7) Phenol-d6	6.44	99	935254	74.94	ng		0.00
23) Nitrobenzene-d5	7.36	82	807359	80.90	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	262011	80.35	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1402706	70.30	ng		0.00
79) Terphenyl-d14	12.91	244	1506150	79.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	173389	38.997	ng		99
3) Pyridine	3.23	79	470709	39.797	ng		98
4) n-Nitrosodimethylamine	3.19	42	193970	38.352	ng		98
6) Aniline	6.46	93	580486	35.635	ng		98
8) 2-Chlorophenol	6.59	128	417474	39.227	ng		97
9) Benzaldehyde	6.35	77	251693	42.253	ng		99
10) Phenol	6.45	94	501571	36.538	ng		97
11) bis(2-Chloroethyl)ether	6.53	93	411805	39.143	ng		98
12) 1,3-Dichlorobenzene	6.73	146	453569	39.303	ng		98
13) 1,4-Dichlorobenzene	6.82	146	452220	39.408	ng		99
14) 1,2-Dichlorobenzene	6.97	146	417827	38.488	ng		99
15) Benzyl Alcohol	6.94	79	319385	36.190	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	585370	38.603	ng		98
17) 2-Methylphenol	7.06	107	360190	38.185	ng		98
18) Hexachloroethane	7.30	117	167238	40.266	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	257045	36.223	ng		98
20) 3+4-Methylphenols	7.21	107	410343	34.197	ng		93
22) Acetophenone	7.21	105	503356	38.841	ng	#	99
24) Nitrobenzene	7.38	77	434272	40.376	ng		97
25) Isophorone	7.62	82	779799	39.154	ng		98
26) 2-Nitrophenol	7.70	139	227790	44.593	ng		98
27) 2,4-Dimethylphenol	7.74	122	328019	39.550	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	485439	39.930	ng		100
29) 2,4-Dichlorophenol	7.94	162	342795	40.448	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	383465	40.782	ng		98
31) Naphthalene	8.10	128	1158558	39.115	ng		99
32) Benzoic acid	7.88	122	243437	39.101	ng		97
33) 4-Chloroaniline	8.15	127	510478	38.634	ng		98
34) Hexachlorobutadiene	8.22	225	226145	40.798	ng		99
35) Caprolactam	8.54	113	108958	40.091	ng	#	83
36) 4-Chloro-3-methylphenol	8.64	107	352704	40.578	ng		99
37) 2-Methylnaphthalene	8.79	142	768628	39.966	ng		100
38) 1-Methylnaphthalene	8.89	142	716514	39.337	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	358445	41.295	ng		100

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Quant Time: Aug 06 17:46:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	170917	35.628	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	241297	39.482	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	272152	39.257	ng		98
46) 1,1'-Biphenyl	9.26	154	897913	39.512	ng		100
47) 2-Chloronaphthalene	9.29	162	732653	39.543	ng		99
48) 2-Nitroaniline	9.38	65	235665	42.088	ng		97
49) Acenaphthylene	9.70	152	1130006	39.258	ng		100
50) Dimethylphthalate	9.56	163	874390	40.682	ng		99
51) 2,6-Dinitrotoluene	9.63	165	194638	42.151	ng		91
52) Acenaphthene	9.87	154	730685m	39.928	ng		
53) 3-Nitroaniline	9.80	138	227993	39.368	ng		97
54) 2,4-Dinitrophenol	9.90	184	103036	42.288	ng		93
55) Dibenzofuran	10.05	168	1010000	38.166	ng		97
56) 4-Nitrophenol	9.97	139	142280	32.342	ng		99
57) 2,4-Dinitrotoluene	10.03	165	254758	42.012	ng	#	86
58) Fluorene	10.39	166	758100	38.410	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	199521	37.800	ng		98
60) Diethylphthalate	10.26	149	854003	39.283	ng		100
61) 4-Chlorophenyl-phenylether	10.37	204	386731	36.736	ng		99
62) 4-Nitroaniline	10.41	138	232378	41.192	ng		96
63) Azobenzene	10.54	77	805890	38.938	ng		97
65) 4,6-Dinitro-2-methylphenol	10.44	198	139358	43.309	ng		94
66) n-Nitrosodiphenylamine	10.50	169	710414	40.235	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	260326	41.601	ng		94
68) Hexachlorobenzene	10.93	284	281056	41.520	ng	#	93
69) Atrazine	11.03	200	171304	39.175	ng		99
70) Pentachlorophenol	11.13	266	168100	43.347	ng		99
71) Phenanthrene	11.35	178	1120810	38.827	ng		100
72) Anthracene	11.40	178	1158832	39.979	ng		99
73) Carbazole	11.56	167	1133501	39.404	ng		99
74) Di-n-butylphthalate	11.89	149	1305488	39.327	ng		99
75) Fluoranthene	12.53	202	1233199	38.542	ng		97
77) Benzidine	12.66	184	402000	37.164	ng		98
78) Pyrene	12.76	202	1266599	43.545	ng		100
80) Butylbenzylphthalate	13.38	149	556977	42.954	ng		96
81) Benzo(a)anthracene	13.95	228	1047385	42.041	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	387820	41.261	ng		99
83) Chrysene	13.99	228	1048986	40.066	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	710873	44.459	ng		99
85) Di-n-octyl phthalate	14.55	149	1203840	37.843	ng		99
87) Indeno(1,2,3-cd)pyrene	16.84	276	878137	33.823	ng		100
88) Benzo(b)fluoranthene	14.99	252	951925	42.185	ng		98
89) Benzo(k)fluoranthene	15.02	252	952513	46.285	ng		99
90) Benzo(a)pyrene	15.35	252	872054	42.358	ng		98
91) Dibenzo(a,h)anthracene	16.86	278	724794	34.176	ng		99
92) Benzo(g,h,i)perylene	17.27	276	693910	33.185	ng		98

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

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