Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081820\
Data File : BF121316.D
Acq On : 18 Aug 2020 10:00
Operator : JU/CG
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC005

Quant Time: Aug 18 15:38:11 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	6.69	152	89376	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	352855	20.00	ng		0.00
39) Acenaphthene-d10	9.73	164	193087	20.00	ng		0.00
64) Phenanthrene-d10	11.22	188	387034	20.00	ng		0.00
76) Chrysene-d12	13.86	240	350560	20.00	ng		0.00
86) Perylene-d12	15.27	264	365479	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	68601	11.64	ng		0.00
7) Phenol-d6	6.33	99	91219	12.01	ng		0.00
23) Nitrobenzene-d5	7.26	82	73812	11.43	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	26568	11.18	ng		0.00
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng		
79) Terphenyl-d14	12.80	244	223806	12.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.27	88	13816	5.507	ng		96
3) Pyridine	3.02	79	34536	5.288	ng		98
4) n-Nitrosodimethylamine	2.92	42	14309	5.350	ng	#	89
6) Aniline	6.35	93	51915	5.765	ng	#	90
8) 2-Chlorophenol	6.48	128	35986	5.551	ng		96
9) Benzaldehyde	6.24	77	27100	6.922	ng		95
10) Phenol	6.35	94	46280	5.616	ng		92
11) bis(2-Chloroethyl)ether	6.43	93	33972	5.711	ng		98
12) 1,3-Dichlorobenzene	6.63	146	41007	5.987	ng		98
13) 1,4-Dichlorobenzene	6.71	146	41060	5.931	ng		98
14) 1,2-Dichlorobenzene	6.86	146	38772	5.934	ng		98
15) Benzyl Alcohol	6.84	79	28980	5.695	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	52888	6.174	ng		98
17) 2-Methylphenol	6.96	107	29322	5.726	ng		99
18) Hexachloroethane	7.20	117	14893	6.083	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	25010	5.925	ng		97
20) 3+4-Methylphenols	7.11	107	38315	5.898	ng	#	82
22) Acetophenone	7.10	105	53048	5.837	ng		95
24) Nitrobenzene	7.27	77	36720	5.242	ng		98
25) Isophorone	7.52	82	65136	5.025	ng		98
26) 2-Nitrophenol	7.60	139	16447	4.845	ng		93
27) 2,4-Dimethylphenol	7.64	122	26490	4.871	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	46096	6.358	ng		99
29) 2,4-Dichlorophenol	7.85	162	29140	5.240	ng		99
30) 1,2,4-Trichlorobenzene	7.92	180	34649	5.645	ng		100
31) Naphthalene	8.00	128	110877	5.585	ng		98
33) 4-Chloroaniline	8.06	127	45231	5.583	ng		97
34) Hexachlorobutadiene	8.12	225	21348	5.748	ng		99
35) Caprolactam	8.39	113	9202	5.493	ng		98
36) 4-Chloro-3-methylphenol	8.54	107	30268	5.334	ng		96
37) 2-Methylnaphthalene	8.69	142	72269	5.532	ng		99
38) 1-Methylnaphthalene	8.79	142	68797	5.562	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	33669	5.204	ng		98
43) 2,4,6-Trichlorophenol	8.97	196	20856	5.069	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.02	196	22323	4.995	ng		100
46) 1,1'-Biphenyl	9.16	154	90681	5.435	ng		98
47) 2-Chloronaphthalene	9.18	162	73047	5.688	ng		97
48) 2-Nitroaniline	9.28	65	19463	5.392	ng		93
49) Acenaphthylene	9.59	152	111327	5.458	ng		98
50) Dimethylphthalate	9.46	163	85105	5.857	ng		97
51) 2,6-Dinitrotoluene	9.52	165	16679	5.150	ng		99
52) Acenaphthene	9.76	154	67390	5.580	ng		100
53) 3-Nitroaniline	9.69	138	20385	5.512	ng		85
55) Dibenzofuran	9.94	168	105919	5.507	ng		96
56) 4-Nitrophenol	9.87	139	10452	4.380	ng		96
57) 2,4-Dinitrotoluene	9.93	165	21505	5.059	ng		96
58) Fluorene	10.28	166	83304	5.722	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	18347	5.192	ng	#	99
60) Diethylphthalate	10.16	149	88045	5.959	ng		99
61) 4-Chlorophenyl-phenylether	10.27	204	42386	5.986	ng		98
62) 4-Nitroaniline	10.30	138	20911	5.640	ng		98
63) Azobenzene	10.43	77	78802	5.338	ng		97
65) 4,6-Dinitro-2-methylphenol	10.34	198	7467	3.482	ng		86
66) n-Nitrosodiphenylamine	10.39	169	71845	5.414	ng		99
67) 4-Bromophenyl-phenylether	10.76	248	25027	5.544	ng		94
68) Hexachlorobenzene	10.83	284	29312	5.694	ng		95
69) Atrazine	10.92	200	22056	5.556	ng		99
70) Pentachlorophenol	11.03	266	7223	3.807	ng		91
71) Phenanthrene	11.24	178	125261	5.657	ng		99
72) Anthracene	11.29	178	122016	5.491	ng		99
73) Carbazole	11.45	167	115877	5.332	ng		100
74) Di-n-butylphthalate	11.79	149	147388	6.009	ng		99
75) Fluoranthene	12.43	202	136975	5.556	ng		100
77) Benzidine	12.55	184	67281	7.301	ng		99
78) Pyrene	12.66	202	143334	5.491	ng		98
80) Butylbenzylphthalate	13.28	149	62619	5.872	ng		95
81) Benzo(a)anthracene	13.84	228	135597	5.703	ng		97
82) 3,3'-Dichlorobenzidine	13.81	252	49596	5.257	ng		99
83) Chrysene	13.88	228	133242	5.489	ng		98
84) Bis(2-ethylhexyl)phthalate	13.84	149	91568	6.230	ng		99
85) Di-n-octyl phthalate	14.46	149	160112	5.942	ng		100
87) Indeno(1,2,3-cd)pyrene	16.63	276	151721	5.584	ng		99
88) Benzo(b)fluoranthene	14.86	252	140524	5.738	ng		99
89) Benzo(k)fluoranthene	14.89	252	122070	5.368	ng		99
90) Benzo(a)pyrene	15.21	252	122358	5.536	ng		98
91) Dibenzo(a,h)anthracene	16.64	278	127359	5.470	ng		99
92) Benzo(g,h,i)perylene	17.03	276	122833	5.346	ng		97

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

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