Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031820\
Data File : BF119409.D
Acq On : 18 Mar 2020 11:43
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC020

Quant Time: Mar 18 14:32:41 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	287681	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1088377	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	545909	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1040637	20.00	ng		0.00
76) Chrysene-d12	14.03	240	802865	20.00	ng		0.00
87) Perylene-d12	15.50	264	861380	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	786843	45.71	ng		0.00
7) Phenol-d6	6.47	99	1009866	48.24	ng		0.00
23) Nitrobenzene-d5	7.42	82	800973	38.86	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	233233	32.66	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	1585300	42.78	ng		0.00
79) Terphenyl-d14	12.97	244	1719742	36.88	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	186773	24.369	ng		99
3) Pyridine	3.35	79	504800	24.117	ng		99
4) n-Nitrosodimethylamine	3.29	42	248788	39.236	ng	#	98
6) Aniline	6.51	93	684031	26.479	ng		99
8) 2-Chlorophenol	6.63	128	411504	22.151	ng		97
9) Benzaldehyde	6.40	77	321496	22.985	ng		99
10) Phenol	6.48	94	528532	23.350	ng		97
11) bis(2-Chloroethyl)ether	6.59	93	416497	24.048	ng		98
12) 1,3-Dichlorobenzene	6.80	146	446818	20.067	ng		97
13) 1,4-Dichlorobenzene	6.87	146	451319	20.255	ng		97
14) 1,2-Dichlorobenzene	7.03	146	426229	20.975	ng		98
15) Benzyl Alcohol	6.99	79	374244	24.734	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	845727	56.371	ng		99
17) 2-Methylphenol	7.10	107	372438	24.727	ng		99
18) Hexachloroethane	7.37	117	156676	19.654	ng		96
19) n-Nitroso-di-n-propylamine	7.26	70	296522	24.307	ng		96
20) 3+4-Methylphenols	7.25	107	481223	26.079	ng		96
22) Acetophenone	7.26	105	554840	22.033	ng		99
24) Nitrobenzene	7.43	77	436414	21.409	ng		100
25) Isophorone	7.67	82	819612	22.895	ng		100
26) 2-Nitrophenol	7.75	139	149538	13.845	ng		93
27) 2,4-Dimethylphenol	7.79	122	357250	24.372	ng		97
28) bis(2-Chloroethoxy)methane	7.89	93	495729	21.275	ng		98
29) 2,4-Dichlorophenol	7.99	162	327786	18.995	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	367754	17.974	ng		99
31) Naphthalene	8.16	128	1214938	21.524	ng		99
32) Benzoic acid	7.87	122	184808	18.505	ng		95
33) 4-Chloroaniline	8.20	127	542781	22.357	ng		98
34) Hexachlorobutadiene	8.29	225	206200	16.180	ng		98
35) Caprolactam	8.56	113	107641	20.258	ng		96
36) 4-Chloro-3-methylphenol	8.68	107	359401	20.579	ng		100
37) 2-Methylnaphthalene	8.86	142	782263	20.594	ng		98
38) 1-Methylnaphthalene	8.96	142	742738	20.791	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	341651	18.562	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	183718	34.035 ng		98
43) 2,4,6-Trichlorophenol	9.13	196	233687	20.105 ng		99
44) 2,4,5-Trichlorophenol	9.16	196	262669	21.536 ng		97
46) 1,1'-Biphenyl	9.32	154	968356	21.948 ng		98
47) 2-Chloronaphthalene	9.35	162	745795	20.976 ng		99
48) 2-Nitroaniline	9.43	65	227870	22.978 ng		98
49) Acenaphthylene	9.76	152	1196856	23.307 ng		98
50) Dimethylphthalate	9.62	163	814134	19.503 ng		100
51) 2,6-Dinitrotoluene	9.68	165	165741	17.871 ng		88
52) Acenaphthene	9.93	154	730188	23.582 ng		97
53) 3-Nitroaniline	9.85	138	214873	20.898 ng		98
54) 2,4-Dinitrophenol	9.95	184	44849	11.730 ng	#	30
55) Dibenzofuran	10.10	168	1075325	23.267 ng		98
56) 4-Nitrophenol	9.99	139	169204	27.390 ng		94
57) 2,4-Dinitrotoluene	10.08	165	200894	16.711 ng		98
58) Fluorene	10.45	166	797230	22.199 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	199484	19.383 ng		99
60) Diethylphthalate	10.32	149	831828	21.145 ng		99
61) 4-Chlorophenyl-phenylether	10.45	204	393965	20.725 ng		93
62) 4-Nitroaniline	10.46	138	199080	18.925 ng		95
63) Azobenzene	10.60	77	843256	24.661 ng		96
65) 4,6-Dinitro-2-methylphenol	10.49	198	71007	11.276 ng		98
66) n-Nitrosodiphenylamine	10.56	169	730480	21.438 ng		100
67) 4-Bromophenyl-phenylether	10.93	248	248814	18.292 ng		93
68) Hexachlorobenzene	11.00	284	253862	16.187 ng		94
69) Atrazine	11.09	200	194395	16.329 ng		98
70) Pentachlorophenol	11.19	266	142771	22.599 ng		99
71) Phenanthrene	11.41	178	1182518	20.837 ng		98
72) Anthracene	11.46	178	1203981	21.233 ng		99
73) Carbazole	11.62	167	1202019	23.795 ng		99
74) Di-n-butylphthalate	11.95	149	1241501	20.294 ng		99
75) Fluoranthene	12.60	202	1295654	21.508 ng		99
77) Benzidine	12.72	184	719573	22.038 ng		97
78) Pyrene	12.83	202	1326821	20.581 ng		98
80) Butylbenzylphthalate	13.46	149	493973	18.205 ng		95
81) Benzo(a)anthracene	14.02	228	1115686	20.395 ng		98
82) 3,3'-Dichlorobenzidine	13.98	252	437299	20.587 ng		97
83) Chrysene	14.06	228	1139079	20.897 ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	634919	18.522 ng	#	99
85) Di-n-octyl phthalate	14.63	149	1127135	20.637 ng		99
86) Indeno(1,2,3-cd)pyrene	16.97	276	1145191	21.698 ng		100
88) Benzo(b)fluoranthene	15.07	252	1119255	19.713 ng		99
89) Benzo(k)fluoranthene	15.10	252	1156058	21.971 ng		98
90) Benzo(a)pyrene	15.44	252	1073585	20.951 ng		98
91) Dibenzo(a,h)anthracene	16.99	278	956733	21.219 ng		100
92) Benzo(g,h,i)perylene	17.41	276	934274	20.972 ng		98

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

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