Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
Data File : BF118960.D
Acq On : 20 Feb 2020 14:50
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Quant Time: Feb 20 15:27:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 20 15:19:38 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	177449	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	629347	20.00	ng		0.00
39) Acenaphthene-d10	9.79	164	338704	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	609427	20.00	ng		0.00
76) Chrysene-d12	13.91	240	432835	20.00	ng		0.00
87) Perylene-d12	15.33	264	405773	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1078353	115.74	ng		0.00
7) Phenol-d6	6.40	99	1305538	110.84	ng		0.00
23) Nitrobenzene-d5	7.33	82	1222395	108.03	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	447162	106.57	ng		0.00
45) 2-Fluorobiphenyl	9.12	172	2239605	106.81	ng		0.00
79) Terphenyl-d14	12.86	244	2541045	115.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	243195	58.246	ng		99
3) Pyridine	3.19	79	672143	58.300	ng		99
4) n-Nitrosodimethylamine	3.14	42	205373	57.843	ng		95
6) Aniline	6.43	93	816705	53.021	ng		92
8) 2-Chlorophenol	6.55	128	588219	52.238	ng		97
9) Benzaldehyde	6.31	77	438899	62.398	ng		100
10) Phenol	6.42	94	705535	52.395	ng		91
11) bis(2-Chloroethyl)ether	6.50	93	547917	51.815	ng		98
12) 1,3-Dichlorobenzene	6.70	146	701768	51.952	ng		99
13) 1,4-Dichlorobenzene	6.78	146	706302	52.154	ng		99
14) 1,2-Dichlorobenzene	6.93	146	634840	51.045	ng		99
15) Benzyl Alcohol	6.91	79	478671	52.103	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.04	45	474916	49.808	ng		97
17) 2-Methylphenol	7.02	107	473525	51.336	ng		97
18) Hexachloroethane	7.27	117	253493	52.102	ng		98
19) n-Nitroso-di-n-propylamine	7.19	70	374590	49.847	ng		98
20) 3+4-Methylphenols	7.18	107	544760	50.608	ng	#	88
22) Acetophenone	7.17	105	729627	53.271	ng	#	99
24) Nitrobenzene	7.35	77	602482	52.581	ng		98
25) Isophorone	7.59	82	1048627	51.755	ng		99
26) 2-Nitrophenol	7.66	139	323046	52.792	ng		97
27) 2,4-Dimethylphenol	7.70	122	433931	52.987	ng		98
28) bis(2-Chloroethoxy)methane	7.80	93	688559	51.950	ng		99
29) 2,4-Dichlorophenol	7.91	162	517222	52.958	ng		98
30) 1,2,4-Trichlorobenzene	7.99	180	604133	52.724	ng		100
31) Naphthalene	8.07	128	1654941	51.890	ng		99
32) Benzoic acid	7.85	122	307631	52.000	ng		95
33) 4-Chloroaniline	8.12	127	718247	52.602	ng		99
34) Hexachlorobutadiene	8.19	225	381610	53.831	ng		98
35) Caprolactam	8.50	113	156792	53.060	ng		99
36) 4-Chloro-3-methylphenol	8.60	107	515496	52.820	ng		97
37) 2-Methylnaphthalene	8.76	142	1116961	52.500	ng		99
38) 1-Methylnaphthalene	8.86	142	1047632	52.510	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	586373	53.963	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	194803	59.746 ng	98
43) 2,4,6-Trichlorophenol	9.03	196	373755	52.121 ng	98
44) 2,4,5-Trichlorophenol	9.08	196	392507	52.792 ng	97
46) 1,1'-Biphenyl	9.22	154	1389995	53.381 ng	99
47) 2-Chloronaphthalene	9.25	162	1132875	52.423 ng	98
48) 2-Nitroaniline	9.34	65	316070	52.272 ng	98
49) Acenaphthylene	9.66	152	1631503	52.875 ng	100
50) Dimethylphthalate	9.52	163	1311154	51.273 ng	99
51) 2,6-Dinitrotoluene	9.58	165	296430	51.900 ng	94
52) Acenaphthene	9.83	154	971498	51.723 ng	100
53) 3-Nitroaniline	9.75	138	326191	51.892 ng	94
54) 2,4-Dinitrophenol	9.86	184	131915	51.926 ng	96
55) Dibenzofuran	10.00	168	1455675	51.919 ng	99
56) 4-Nitrophenol	9.92	139	200906	51.883 ng	96
57) 2,4-Dinitrotoluene	9.99	165	388102	52.528 ng	95
58) Fluorene	10.35	166	1109828	51.076 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	322079	50.403 ng	99
60) Diethylphthalate	10.22	149	1236921	51.310 ng	99
61) 4-Chlorophenyl-phenylether	10.33	204	598074	51.726 ng	99
62) 4-Nitroaniline	10.37	138	326256	50.416 ng	100
63) Azobenzene	10.49	77	1078899	50.891 ng	99
65) 4,6-Dinitro-2-methylphenol	10.40	198	197236	52.515 ng	90
66) n-Nitrosodiphenylamine	10.46	169	1019607	52.829 ng	100
67) 4-Bromophenyl-phenylether	10.82	248	410005	52.405 ng	98
68) Hexachlorobenzene	10.90	284	469780	52.449 ng	93
69) Atrazine	10.98	200	359777	55.693 ng	99
70) Pentachlorophenol	11.09	266	199039	51.906 ng	98
71) Phenanthrene	11.30	178	1682768	52.584 ng	99
72) Anthracene	11.35	178	1693807	52.901 ng	100
73) Carbazole	11.51	167	1502021	52.338 ng	99
74) Di-n-butylphthalate	11.84	149	1842521	50.601 ng	99
75) Fluoranthene	12.49	202	1782261	49.996 ng	99
77) Benzidine	12.60	184	911933	65.808 ng	98
78) Pyrene	12.72	202	1787403	57.223 ng	100
80) Butylbenzylphthalate	13.33	149	776256	56.712 ng	94
81) Benzo(a)anthracene	13.90	228	1502170	56.634 ng	99
82) 3,3'-Dichlorobenzidine	13.86	252	599008	58.038 ng	100
83) Chrysene	13.94	228	1487279	55.932 ng	100
84) Bis(2-ethylhexyl)phthalate	13.89	149	962707	55.505 ng	98
85) Di-n-octyl phthalate	14.50	149	1552341	55.514 ng	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	1379240	52.703 ng	99
88) Benzo(b)fluoranthene	14.93	252	1504566	55.003 ng	99
89) Benzo(k)fluoranthene	14.96	252	1265431	52.057 ng	100
90) Benzo(a)pyrene	15.28	252	1247462	52.932 ng	99
91) Dibenzo(a,h)anthracene	16.75	278	1127568	52.790 ng	98
92) Benzo(g,h,i)perylene	17.16	276	1127946	53.521 ng	98

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

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