Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022920\
Data File : BF119155.D
Acq On : 29 Feb 2020 13:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Mar 02 05:53:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	160497	20.00	ng		-0.01
21) Naphthalene-d8	8.02	136	575384	20.00	ng		-0.01
39) Acenaphthene-d10	9.77	164	313770	20.00	ng		-0.02
64) Phenanthrene-d10	11.25	188	571750	20.00	ng		-0.01
76) Chrysene-d12	13.89	240	391604	20.00	ng		-0.01
87) Perylene-d12	15.31	264	337919	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	789477	82.20	ng		-0.01
7) Phenol-d6	6.39	99	948544	81.21	ng		-0.02
23) Nitrobenzene-d5	7.30	82	893388	81.98	ng		-0.02
42) 2,4,6-Tribromophenol	10.56	330	327390	79.76	ng		-0.01
45) 2-Fluorobiphenyl	9.09	172	1669235	78.37	ng		-0.02
79) Terphenyl-d14	12.83	244	1975475	86.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	163420	38.218	ng		98
3) Pyridine	3.15	79	441888	37.840	ng		98
4) n-Nitrosodimethylamine	3.10	42	148690	42.032	ng		100
6) Aniline	6.40	93	570198	39.564	ng	#	74
8) 2-Chlorophenol	6.53	128	421015	40.621	ng		99
9) Benzaldehyde	6.29	77	276655	35.452	ng		100
10) Phenol	6.40	94	509724	40.364	ng		94
11) bis(2-Chloroethyl)ether	6.47	93	390196	40.383	ng		98
12) 1,3-Dichlorobenzene	6.68	146	504300	40.596	ng		99
13) 1,4-Dichlorobenzene	6.75	146	508760	40.927	ng		99
14) 1,2-Dichlorobenzene	6.91	146	463604	40.893	ng		98
15) Benzyl Alcohol	6.89	79	347477	41.163	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.02	45	329617	39.381	ng		99
17) 2-Methylphenol	7.00	107	340272	40.494	ng		98
18) Hexachloroethane	7.25	117	184505	41.487	ng		99
19) n-Nitroso-di-n-propylamine	7.16	70	278742	40.956	ng		99
20) 3+4-Methylphenols	7.00	107	338525	32.883	ng		80
22) Acetophenone	7.15	105	551903	41.456	ng	#	99
24) Nitrobenzene	7.32	77	438511	40.692	ng		97
25) Isophorone	7.56	82	757276	40.013	ng		99
26) 2-Nitrophenol	7.64	139	231612	40.563	ng		100
27) 2,4-Dimethylphenol	7.68	122	307618	39.696	ng		97
28) bis(2-Chloroethoxy)methane	7.77	93	487569	39.580	ng		99
29) 2,4-Dichlorophenol	7.89	162	369484	40.501	ng		97
30) 1,2,4-Trichlorobenzene	7.96	180	432083	39.947	ng		98
31) Naphthalene	8.04	128	1201429	40.262	ng		99
32) Benzoic acid	7.84	122	212896	39.091	ng		98
33) 4-Chloroaniline	8.09	127	509149	39.670	ng		99
34) Hexachlorobutadiene	8.16	225	271840	40.347	ng		99
35) Caprolactam	8.47	113	112765m	40.144	ng		
36) 4-Chloro-3-methylphenol	8.59	107	375964	40.721	ng		99
37) 2-Methylnaphthalene	8.73	142	804059	40.039	ng		98
38) 1-Methylnaphthalene	8.83	142	764510	40.480	ng		96
40) 1,2,4,5-Tetrachlorobenzene	8.90	216	421738	39.866	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.89	237	122414	37.451 ng	100
43) 2,4,6-Trichlorophenol	9.02	196	259984	38.916 ng	99
44) 2,4,5-Trichlorophenol	9.06	196	271308	38.701 ng	98
46) 1,1'-Biphenyl	9.19	154	1024562	40.402 ng	99
47) 2-Chloronaphthalene	9.22	162	820762	40.163 ng	98
48) 2-Nitroaniline	9.32	65	236608	41.511 ng	99
49) Acenaphthylene	9.63	152	1172870	39.738 ng	99
50) Dimethylphthalate	9.50	163	961874	40.089 ng	100
51) 2,6-Dinitrotoluene	9.56	165	211107	39.603 ng	91
52) Acenaphthene	9.80	154	717968	40.342 ng	99
53) 3-Nitroaniline	9.73	138	234095	39.612 ng	96
54) 2,4-Dinitrophenol	9.85	184	81060	35.839 ng	94
55) Dibenzofuran	9.97	168	1041648	39.213 ng	99
56) 4-Nitrophenol	9.91	139	150340	42.342 ng	96
57) 2,4-Dinitrotoluene	9.97	165	269638	39.024 ng	96
58) Fluorene	10.32	166	851306	41.242 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	221550	37.454 ng	97
60) Diethylphthalate	10.19	149	919378	40.661 ng	100
61) 4-Chlorophenyl-phenylether	10.31	204	448321	41.033 ng	95
62) 4-Nitroaniline	10.35	138	240005	39.695 ng	98
63) Azobenzene	10.47	77	804184	40.918 ng	97
65) 4,6-Dinitro-2-methylphenol	10.39	198	140205	40.525 ng	93
66) n-Nitrosodiphenylamine	10.43	169	745350	39.813 ng	100
67) 4-Bromophenyl-phenylether	10.80	248	302181	40.434 ng	94
68) Hexachlorobenzene	10.87	284	350513	40.679 ng	95
69) Atrazine	10.96	200	242239	37.034 ng	99
70) Pentachlorophenol	11.07	266	141809	40.856 ng	98
71) Phenanthrene	11.28	178	1262876	40.502 ng	98
72) Anthracene	11.33	178	1260315	40.454 ng	98
73) Carbazole	11.49	167	1124845	40.528 ng	99
74) Di-n-butylphthalate	11.82	149	1399432	41.636 ng	98
75) Fluoranthene	12.46	202	1327563	40.111 ng	99
77) Benzidine	12.58	184	496436	31.171 ng	99
78) Pyrene	12.69	202	1328057	42.234 ng	99
80) Butylbenzylphthalate	13.30	149	569891	43.061 ng	96
81) Benzo(a)anthracene	13.88	228	1095755	41.066 ng	98
82) 3,3'-Dichlorobenzidine	13.84	252	401661	38.767 ng	98
83) Chrysene	13.92	228	1066564	40.116 ng	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	730005	43.661 ng	98
85) Di-n-octyl phthalate	14.47	149	1055138	39.608 ng	99
86) Indeno(1,2,3-cd)pyrene	16.71	276	912639	35.451 ng	99
88) Benzo(b)fluoranthene	14.90	252	979828	43.990 ng	100
89) Benzo(k)fluoranthene	14.93	252	827543	40.091 ng	99
90) Benzo(a)pyrene	15.25	252	807740	40.181 ng	99
91) Dibenzo(a,h)anthracene	16.72	278	746619	42.210 ng	99
92) Benzo(g,h,i)perylene	17.13	276	734060	42.002 ng	98

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

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